

CNSTAT news







ONTARIO STATISTICAL CENTRE

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# ONSTAT NEWS

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THIS ISSUE OF *ONSTAT NEWS* IS THE FIRST IN A SERIES OF INFORMATION BULLETINS DESIGNED TO KEEP USERS UP TO DATE ON STATISTICAL DEVELOPMENTS IN THE MINISTRIES AND AGENCIES OF THE ONTARIO GOVERNMENT. THE PRIME AIM OF THIS PUBLICATION IS TO DEVELOP USERS' AWARENESS OF CURRENT STATISTICAL PROGRAMS, THEREBY ELIMINATING DUPLICATION OF DATA OR SERVICES. IT WILL ALSO FOCUS ATTENTION ON STATISTICAL ACTIVITY BY STATISTICS CANADA RELEVANT TO ONTARIO.

WITH THE EVER-GROWING NUMBER OF REQUESTS FOR STATISTICAL INFORMATION PRESENTED TO THE MINISTRIES AND AGENCIES, THE NEED FOR A PUBLICATION OF THIS KIND HAS BECOME INCREASINGLY APPARENT. *ONSTAT NEWS* WILL SEEK TO PROVIDE THE WIDEST POSSIBLE COVERAGE OF STATISTICAL EVENTS. TO THIS END, NEWS ITEMS AND SHORT ARTICLES ON STATISTICS, AS WELL AS COMMENTS, ARE INVITED FROM ECONOMISTS, STATISTICIANS, AND THOSE ENGAGED IN STATISTICS-RELATED ACTIVITIES THROUGHOUT THE GOVERNMENT.

INCLUDED IN THIS FIRST ISSUE ARE ITEMS OF NEW STATISTICAL ACTIVITY, ORGANIZATIONAL AND STAFF CHANGES, MEETINGS AND CONFERENCES, A SPECIAL FEATURE ON A STATISTICAL TOPIC, AND PUBLICATIONS. TO INTRODUCE READERS TO THE MAJOR COORDINATING AREAS OF STATISTICAL ACTIVITY IN THE GOVERNMENT, BRIEF DESCRIPTIONS OF THE ONTARIO STATISTICAL CENTRE AND THE STATISTICAL DATA USERS' COMMITTEE FOLLOW.

## ONTARIO STATISTICAL CENTRE (OSC)

The Ontario Statistical Centre, the focal point for the Ontario Government on statistical matters, coordinates and presents Ontario's position on a variety of topics. Expanded statistical activity at both the federal and provincial level has meant an enlarged role for the OSC. Thus, the introduction of *ONSTAT NEWS* is seen as a response to internal data communication needs of the government. Statistical groups exist in many ministries and agencies and it is important that each knows what studies are being conducted by other groups.

In its task of administering *The Statistics Act*, RSO 1970, the OSC functions as a branch in the Central Statistical Services Division of the Ministry of Treasury, Economics and

Intergovernmental Affairs. It discharges its responsibilities by supplying statistical advisory services and by collecting, processing, and disseminating business and social statistics essential to economic planning and policy formation by the ministries and agencies of the Ontario Government. In line with these functions, the OSC is organized into three sections: Consultative and Coordinating Secretariat; Surveys and Statistical Standards Section; and Manufacturing and Primary Industry Statistics Section. The operational objectives of these sections are achieved through the following means:

- Preparing statements that define Ontario's position.

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- Providing appropriate technical support and active participation in federal-provincial and interprovincial task forces.
- Reviewing proposals initiated at both national and provincial levels.
- Conducting statistical surveys.

The OSC produces annual and quarterly publications, such as the *Ontario Statistical Review*, *Ontario Credit Unions*, and *Real Estate Brokerage Firms in Ontario*. It also produces a variety of reports on specific matters from time to time.

## STATISTICAL DATA USERS' COMMITTEE (SDUC)

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The Statistical Data Users' Committee represents the various statistical groups in the ministries and agencies. Its origins go back to the 1971 Census Data Users' Committee, which was set up to coordinate Ontario's approach to the 1971 Census. With the upsurge in users' requests for statistical data during the past four years, however, the activities of the SDUC have gone far beyond purely census matters.

With members drawn from throughout the government, the SDUC, operating through a committee structure, is able to overcome the difficulties inherent in attempting to represent the widespread interests of a large number of ministries and agencies. As a group, it can look at issues and examine data needs on a government-wide basis. Thus, the work emerging from the SDUC is a clear reflection of the province's overall statistical needs.

Many of Statistics Canada's programs are useful, and indeed vital, to Ontario, and the province will obtain maximum benefit only by continuing to expand its role in their design and by providing suggestions for improvement. Because of the increasing importance of this task, the OSC must rely more heavily on the expert advice and guidance of the SDUC to obtain maximum provincial input. As the number and scope of federal and provincial services continue to grow, it is vital that Ontario be both a contributor and a beneficiary of this expanded statistical activity.

## NEW STATISTICAL ACTIVITY

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### MINISTRY OF COLLEGES AND UNIVERSITIES

Proposals for a new statistical information system to cover MCU-financed cultural agencies are currently under discussion. Designed to collect data from the ten major cultural agencies receiving funds from the MCU, the Cultural Institutions Information System would report on revenue and expenditures, capital funds and expenditures, facilities, and staffing.

### MINISTRY OF THE ENVIRONMENT

A report that examines the social and economic impacts of pollution--*Survey of Statistical Sources Relevant to Social and Economic Aspects of Environmental Problems*--is being prepared by this ministry. The report will indicate the various sources of data.

## ORGANIZATIONAL AND STAFF CHANGES

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Dr. T. Duff appointed Director, Statistical Services Branch, Ministry of Colleges and Universities.

As of January 1, 1975, the Ontario Cancer Treatment and Research Foundation assumed responsibility for the housing and the operation of its Mark 1 Computer System, which is linked to all regional treatment centres in Ontario.





## MEETINGS, CONFERENCES

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February 26, 1975--Southern Ontario Chapter of the American Statistical Association. Dr. Irwin Bross, Director of Biostatistics, Roswell Park Memorial Institute. Subject: "How to Tell the Truth with Statistics".

April 23, 1975--Southern Ontario Chapter of the American Statistical Association. Dr. Fred Leone, Executive Director, American Statistical Association. Subject: "A Dialogue Between the Statistician and the Environmentalist".

(The locations for these two meetings have not yet been arranged. Anyone seeking further information should contact: Mr. S. N. Sharma, Ontario Statistical Centre, 965-4575)

Dr. A. H. Sellers of the Ontario Cancer Treatment and Research Foundation represented the International Union Against Cancer (IUCC) at the Consultation on Standardization of Hospital-Based Cancer Registries, organized by the World Health Organization, held in Geneva, Switzerland, December 16-20, 1974.

## FOCUS ON A STATISTICAL TOPIC:

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### LOW-WAGE WORKERS AND THE NON-WORKING POOR

From time to time *ONSTAT NEWS* will focus on the statistical information available in the Ontario Government on a particular topic. The topic chosen for this first issue is low-wage workers and the non-

working poor. Three ministries are carrying out work in this area. This section gives a brief description of their publications and programs.

## MINISTRY OF TREASURY, ECONOMICS AND INTERGOVERNMENTAL AFFAIRS

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### *An Income Profile of the Working and Non-Working Poor in Ontario for the Year 1975*

This paper discusses the problem of working poor families who could receive more money if they gave up their jobs and went on provincial or municipal welfare assistance.

Specific programs which other provinces have introduced to provide financial assistance to the working poor are briefly outlined.

Comparisons of the disposable income of minimum wage earners and social assistance recipients by family size are made for Ontario. Calculations are made to show what gross annual wages families of various sizes would require to be as well off in terms of disposable income as families receiving social assistance.

### *An Interprovincial Comparison of Income Security, Health Care, Tax Credit, and Related Programs*

Most social assistance programs are directed to specific target groups: the elderly, the disabled, the unemployed, etc. The working poor family is too often ignored. Premium assistance for health care and the Ontario Tax Credit System are directed at all low income families no matter what their reason for

poverty or their major source of income. This report presents details of some social assistance programs, of the provision of health care, and of the Tax Credit System in Ontario. It also provides information on comparable programs in other provinces.

### *A General Income Redistribution Model*

This paper was tabled at the welfare ministers' conference in Winnipeg and at the finance ministers' conference in Ottawa in December 1974. It outlines a

general income redistribution model (PROGRES) developed by the Ontario Treasury. This is a micro-simulation computer model designed to examine the





incidence of tax and transfer policies on a family basis. The model, which is going to become a part of the Social Security Research Library, will be useful in analyzing the cost and impact of income support and supplementation

schemes, including those currently under consideration in the Federal-Provincial Social Security Review.

(Nancy Bardecki, Taxation and Fiscal Policy Branch, 965-6869)

#### MINISTRY OF LABOUR

Information on the characteristics of low-wage workers is vital to policy development and program design in several ministries. The Ministry of Labour requires it in several policy areas but especially in connection with the minimum wage. The most needed characteristics are those that indicate the extent of dependence of a low-wage earner's family upon his or her wage. This information is important, also, for the Social Security Review which is attempting to rationalize the total system of government income support programs. To provide this type of information the Research Branch of the Ministry of Labour has recently undertaken two surveys that are discussed below.

##### *Survey of Registrants of Canada Manpower Centres*

Between November 1973 and March 1974, information was collected on low-wage registrants at 35 Canada Manpower Centres across Ontario. The data taken directly from Centre registration forms covered approximately 68,000 persons who earned less than \$2.50 per hour in their last job or whose required wage was less than \$2.50 per hour. Information was coded on over 25 items including sex, age, marital status, language, industry,

occupation, and education. A few of the preliminary findings are that married males comprise only about 7 per cent of the total, approximately two-thirds are females, 47 per cent are single, and 55 per cent are under 25 years of age. Much of the information obtained from the survey is available in the ministry's Employment Information Series, Number 7, entitled "Characteristics of Low-Wage Workers in Ontario".

##### *Survey of Low-Wage Workers in Selected Industries*

This survey was undertaken because the data from the Canada Manpower Centres did not provide information on employment status of spouses and, in the main, covered unemployed persons. The approach was to send listing forms to establishments in industries which are known to have a considerable number of low-wage workers. The employer was asked to supply the name, address, and language spoken for each person in his establishment whose straight time hourly wage rate was within 20 cents above the minimum wage. Then a short question-

naire, consisting of about ten questions, was sent to a sample of the identified low-wage workers during the summer of 1974. Questionnaires were sent to 7,000 workers but only a 40 per cent response was obtained. Accordingly, when the results are available they should be interpreted with caution. However, analysis to date shows that the results are broadly consistent with the results of the study of Canada Manpower registrants.

(Mr. M. Skolnik, Research Branch, 965-6101)

#### MINISTRY OF COLLEGES AND UNIVERSITIES

Programs relating to low-wage workers in this ministry and administered by the Manpower Training Branch include:

(1) Academic upgrading--grades 1-12 equivalent.

(2) English as a second language.

(3) Job readiness--concentrating on teaching appropriate attitudes and behaviours.

(4) Social preparatory--social work orientation for sub-culture members.

(5) Programs directed primarily towards



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native Indians, i.e. mink paw plate manufacture.

Statistics on number of trainee days are collected and used as a basis for funding. Regular consultation with the Economic Forecasting Branch of the federal Department of Manpower and

Immigration puts the Manpower Training Branch in touch with statistics identifying areas of need for specific training.

(Mr. H. A. Constable, Manpower Training Branch, 965-6151, or Miss L. Greenhead, Statistical Services Branch, 965-5477)

## PUBLICATIONS

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*Ontario Population Projections, 1971-2001*, Ministry of Treasury, Economics and Intergovernmental Affairs, December 1974.

Population projections for Ontario, counties/districts, and planning regions, by sex, five-year age groups, and selected age groups. Available only on *microfilm*.  
(Mr. R. K. Kogler, Economic Analysis Branch, 965-5454)

*Quarterly Financial Statistics: Ontario Credit Unions, 1973*, Ministry of Treasury, Economics and Intergovernmental Affairs, January 1975, 58 pp.

Detailed tables on loans, assets and liabilities, reserve accounts, distribution of shareholders, by type of credit union and asset size.  
(Mr. A. W. MacKinnon, Ontario Statistical Centre, 965-2471)

*Ontario Collective Agreement Expirations, 1975* (Bargaining Information Series, Number 1), Ministry of Labour, December 1974, 45 pp.

An indication of how much contract renewal bargaining can be expected in Ontario during 1975 and where it might occur. The data used to describe the 1975 bargaining activity are numbers of collective agreements terminating during the year and the numbers of employees covered by them.  
(Mr. L. Haywood, Research Branch, 965-6101)

*The Paradox of Unemployment and Job Vacancies: Some Theories Confronted by Data* (Employment Information Series, Number 9), Ministry of Labour, December 1974, 30 pp.

An interpretation of the paradox of unprecedented numbers of job vacancies together with relatively high rates of unemployment is offered.  
(Mr. M. Skolnik, Research Branch, 965-6101)

*Index of Statistical Files in the Ontario Government, 1974*, Ministry of Treasury, Economics and Intergovernmental Affairs, January 1975, 248 pp.

Statistical files--those that can be legitimately made available to users outside the government from all ministries--are listed and cross-referenced for quick and easy search by use of an index and simple coding system.  
(Mr. S. N. Sharma, Ontario Statistical Centre, 965-4575)





To be Released Shortly:

*Statistical Summary, 1972, 1973, 1974*, Ministry of Colleges and Universities, 70 pp.

Enrolment and financial data for colleges and universities: student awards, number of teachers, number of degrees granted, graduate fellowships, operating capital, debenture capital.

(Mr. B. Wyman, Statistical Services Branch, 965-5477)

*Cancer in Ontario, 1973-1974*, Ontario Cancer Treatment and Research Foundation.

Developments during the year; reports on cancer research in progress; leading articles on special subjects.

(Dr. A. H. Sellers, Ontario Cancer Treatment and Research Foundation, 423-4240)

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Ontario

Ministry of Treasury  
Economics and  
Intergovernmental  
Affairs

The Honourable W. Darcy McKeough  
minister  
A. Rendall Dick  
deputy minister





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VOL. I NO. 4

ACTIVITY

ONTARIO STATISTICAL CENTRE

Mortgage Registration Survey

Commencing in 1969, the Ontario Statistical Centre instituted, at the request of Statistics Canada and CMHC in Ottawa, a continuing sample survey of conventional mortgages newly registered in Ontario. This survey, which excludes NHA mortgages, is derived from data recorded from government administrative records (property deed) by staff of each of the 97 registry and land titles offices throughout the province.

Although only five provinces have made commitments to date to conduct a corresponding survey, others are expected to participate in the design to obtain national statistical data on mortgages.

Manufacturing Industry Energy Statistics

Among the current statistical projects assigned to the Manufacturing and Primary Industry Statistics Section is one recently requested by the Ministry of Energy. This particular project highlights the rapidly growing demand for energy statistics. The information being generated is intended for regional analysis of energy consumption patterns by major groups of manufacturing industries. The variables being compiled include: number of manufacturing

Statistical Consulting Services

Professional statistical consulting services are provided by the OSC to other ministries and government agencies seeking statistical expertise. Statistical consultation is given in the

The Ontario survey recorded 260,504 conventional mortgages with an accumulated value of \$8,304,341,000 during 1974 (most recent publication). Data estimates are published annually, including compilations on: type of borrower, type of lender, number, amount and average value of mortgages, interest rate, term of loan, municipality (name, type, and size), county, economic region, and planning region.

(Further information or copies of this annual report may be obtained without charge from Mr. A. W. MacKinnon, 965-3792.)

establishments, value added, number of employees, consumption of coal, coke, natural gas, fuel oil, gasoline, and electricity.

The analysis will be undertaken for economic as well as pre-defined natural gas supply regions of the province.

(Mr. L. Cornwall, Manufacturing and Primary Industry Statistics Section, 965-7078.)

following areas: general methodological techniques, sampling, data quality control, design of experiments, forecasting and projecting, and mathematical model building. In addition, advice is

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also provided in reviewing plans for statistical surveys, publications, visual presentation, and statistical data processing.

Provision of statistical consulting services continues to be an essential function of the OSC, particularly in responding to requests for advice from the other ministries that lack the

services of a professional statistician. These services are necessary to ensure the adequate development and proper analysis of data for research, program evaluation, and decision making in various social, economic, and financial programs.

(Mr. S.N. Sharma, Consultative and Coordinating Secretariat, 965-4575)

## ECONOMIC ANALYSIS BRANCH

### Population Estimates for Ontario by Sex and Single Years of Age, 1971-1975

These estimates constitute the first attempt by the Economic Analysis Branch to produce a single-year age distribution which will be of value to users in the educational and social planning areas. Previous estimates used the customary five-year age groupings.

Furthermore, the estimates depart from the previous ones in that the calculations are not based on the published 1971 Census population distribution by single years of age and sex but were derived from the actual birth cohorts for the period 1961-1971 modified by actual mortality data and estimated migration. The vital statistics data (births and deaths) were obtained from the Registrar General's reports; the migration estimates are based on published migration statistics of the Department of Manpower and Immigration and the Branch's internal studies designed to derive the net migration data for the province.

Consequently, the initial estimated population for Ontario in 1971 is higher than the Census population (7,778,400 estimated versus 7,703,100 Census population) by 75,300 or 1 per cent, reflecting the underenumeration by the Census of the 1961-1971 birth cohort. Since it is not feasible to reconstruct earlier birth cohorts (prior to 1961), the revised estimates effectively reflect only the age and sex composition of the 0-15 age group. Starting with age 16, the Branch estimates utilize the 1971 Census distribution modified by the ensuing mortality and net migration.

In order to maintain continuity, the Branch also has available population estimates for 1975 based on the 1971 Census distribution which are comparable to its estimates in previous years. These series provide the customary five-year age distribution by sex.

(Rudolf Kogler, Economic Analysis Branch, 965-6613)

## FEDERAL-PROVINCIAL DEVELOPMENTS

### MINISTRY OF COLLEGES AND UNIVERSITIES

- A cooperative agreement on the collection of data on faculty and students of Ontario universities is pending with Statistics Canada.
- A "Survey of 1974 Graduates of Colleges and Universities" is being carried out in cooperation with Statistics Canada. This study will measure the occupational success of graduates in terms of their success in obtaining and holding jobs, their salaries, and the relationship of their occupational area to their program. Comparisons will be available between university and college graduates in corresponding programs. Initial results are expected to be available in mid-Summer.

(Dr. T. Duff, Statistical Services Branch, 965-2827)



## FOCUS ON A STATISTICAL TOPIC

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### EDUCATIONAL STUDIES AND VOCATIONAL TRAINING PROGRAMS

#### Ministry of Labour:

With assistance from the Ministry of Industry and Tourism and George Brown College of Applied Arts and Technology, the Research Branch of the Ministry of Labour is undertaking a study designed to produce detailed information on present employment, anticipated employment levels, and educational linkages in the food-processing industry. The data are being collected through a survey of roughly 1,800 manufacturing establishments in the food-processing industry.

They will then be used to identify existing and potential labour-market bottlenecks. The information on educational linkage will provide a base for formulating policies to alleviate any bottlenecks which either existed recently or are likely to occur. The study is expected to be completed by April 30, 1976.

(Mrs. H. Stevenson, Research Branch, 965-6101)

#### Ministry of Education and Ministry of Colleges and Universities

##### Joint "Study of the Interface Between Secondary and Post-Secondary Education"

The research component of the review of the secondary-post-secondary interface will consist of three major projects:

#### Project One - Stevenson & Kellogg, Ltd. through Canadian Facts Ltd.

This study will seek to determine the opinions of the public, of students, and of teachers and faculty at the secondary schools, colleges of applied arts and technology, and the universities concerning the roles and responsibilities of these institutions (particularly as regards the interface), appropriate preparation for post-secondary education, admission policies and practices, and the duplication or gaps between the two levels of education.

#### Project Two - The Ontario Institute for Studies in Education.

Providing a description of the pertinent characteristics of students completing their SSGD or SSHGD will be the objective of this study. It will focus largely on

student achievement in first and second language skills, mathematics, and physics, as measured by student marks and by scores on standardized achievement tests. First language achievement will be assessed not only by multiple choice, standardized instruments, but also through written prose composition.

#### Project Three - Queen's University

This study is an analysis of the content and skills taught in courses in the senior division of secondary schools and in the first two post-secondary years of the colleges of applied arts and technology and the universities. The study will also identify certain gaps and duplications which may exist between courses at the secondary and post-secondary levels.

(Mr. R. Cummins, University Affairs Division, 965-6382)

## PUBLICATIONS

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*Realty Mortgage Loans Registered in Ontario During 1974*, Ministry of TEIA, October 1975, 57 pp.

This report includes estimates of the number, value and average value of newly registered conventional mortgages, distributed by county, lender type and borrower type.  
(Mr. A. W. MacKinnon, Ontario Statistical Centre, 965-3792)





*Index of Statistical Files in the Ontario Government, 1975*, Ministry of TEIA,  
November 1975, 148 pp.

Statistical files--those that can be legitimately made available to users outside the government from all ministries--are listed and cross-referenced for quick and easy search by use of an index and simple coding system.

(Mr. S. N. Sharma, Ontario Statistical Centre, 965-4575)

Copies available from Publications Centre, 3B-7 Macdonald Block, Queen's Park, Toronto. Price: \$2.50.

*Ontario Collective Bargaining Agreements Expirations, 1976* (Bargaining Information Series, Number 10), Ministry of Labour, January 1976, 48 pp.

This is the Ministry of Labour's ninth annual report describing the extent of collective bargaining that will take place in Ontario as a result of agreements scheduled to expire in 1976.

(Mr. L. Haywood, Research Branch, 965-6101)

*A Comparative Review of Innovative Working Time Arrangements in Ontario* (Employment Information Series, Number 15), Ministry of Labour, October 1975, 24 pp.

This paper provides a comparative review of the nature and extent of the compressed, flexible and staggered hours schedules that have gained popularity over the last few years.

(Messrs. G. Robertson and P. Ferlejowski, Research Branch, 965-6101)

*Hourly Wage Rates for Selected Occupations Under Ontario Agreements Covering Nursing Homes for the Aged, 1975* (Bargaining Information Series, Special Issue), Ministry of Labour, November 1975, 10 pp.

This report shows wage rates for selected occupations under Ontario nursing home and homes for the aged agreements.

(Mrs. D. Chung, Research Branch, 965-6101)

To be released shortly

*Credit Union Quarterly Statistical Bulletin Vol. VII, No. 3*, Ministry of TEIA, 6 pp.

The bulletin presents data for all active credit unions by type and size in Ontario on balance sheets, operating statements, selected averages, the number of credit unions and membership, and an analytical review over the last five years of selected topics.

(Mr. A. W. MacKinnon, Ontario Statistical Centre, 965-3792)

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Ministry of Treasury  
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The Honourable W. Darcy McKeough  
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## ACTIVITY

### ONTARIO STATISTICAL CENTRE

#### Credit Union Financial Survey

This continuing quarterly survey was undertaken by the Ontario Statistical Centre beginning in 1967, in cooperation with Statistics Canada and each of the other provinces. Accordingly, the compilation by each province of Balance Sheet data for all credit unions and caisses populaires in Canada (4,027 in 1974) is reported to and published by Statistics Canada in its quarterly report "Financial Statistics" (Cat. 61-006) and in its annual report "Credit Unions" (Cat. 61-209).

Results of the Ontario survey of credit unions (covering 1,251 in December 1975

and having assets of \$2,219,746,000) are published by the Centre in both annual and quarterly statistical reports. They present distributions by ten asset-size groups and by twelve types of credit union, consolidations of Balance Sheets, Cumulative Statements of Operations, and Statements of Surplus and Reserve Accounts. A variety of non-financial data are also presented, including the number of staff, shareholders, and loans granted, type of services provided, and various rates of interest paid on deposits and charged on loans.

(A. W. MacKinnon, Surveys and Statistical Standards, 965-3792)

#### Births and Deaths of New Manufacturers

A joint MAPIS Section/Policy Planning Branch project which is designed to facilitate critical examination of the success or failure, and general performance, of manufacturing enterprises has been found invaluable in processing a recent request from one of the Regional Municipalities.

The information requested relates to "new starts" and "discontinued"

establishments in the census, within the Regional Municipality and includes the Establishments' Name and Address, the industry, year of start, year of discontinuance and employment size stratification code for each establishment operating in 1971 and/or 1972. Comparative data for all establishments in the same locality was also required. (Mr. L. A. Cornwall, MAPIS Section, 965-7078)

#### 1976 Census of Population and Housing

Tuesday, June 1 is Census Day in Canada. Once every five years, Statistics Canada is required by law to take a complete inventory of the Canadian people. The 1976 Census will collect the following

information on each individual: relationship to head of household; sex; marital status; mother tongue; date of birth; elementary, secondary, and post-secondary training; attendance at an educational





institution; degrees, certificates, or diplomas obtained; activity in the Labour Market; and migration. Also the head of each household will provide information on the tenure and type of dwelling in which the household is located.

The 1976 publication plan has been finalized, a copy of which can be

obtained. One bulletin with preliminary population counts will be released in the month of October, 1976. The Spring of 1977 will see the first of the publication series. Preplanned tabulation on microfilm and summary tape are also nearing completion.

(M. Wang, Consultative and Coordinating Secretariat, 965-4575)

## ECONOMETRIC RESEARCH BRANCH

### Ontario Economic Accounts

The Ontario Economic Accounts for 1974 by sector, with minor revisions to the period 1971-73, have recently been completed based on data and recent revisions released by Statistics Canada.

Gross Provincial Product for 1974 has reached \$58.3 billion, an increase of 16.9% over 1973. Over the same period, personal income grew at a rate of 15.5% to a level of \$45.0 billion, while

corporate profits increased by 27.2% to reach \$8.2 billion.

Copies of these updated tabulations, which may be used in conjunction with Ontario Economic Accounts data published in *Ontario Statistics 1975*, may be obtained from the Econometric Research Branch.

(Mrs. P. S. Fromstein, Econometric Research Branch, 965-4801)

## MINISTRY OF CULTURE AND RECREATION

### Ontario Coaching Records

A project involving the development of an on-line interactive data base of sport coaches is underway. The files will contain information on training and qualifications. This is to be a

prototype of a national system which will be accessed through INFO (Information Network for Ontario).

(Dr. D. Herman, Policy Planning, 965-9942)

### Statistical Profiles of Ontario Municipalities

A data base is being developed jointly by Statistics Canada and the Ministry of Culture and Recreation. The files will contain statistical information on the municipalities in the province and

periodic updating will be possible via remote job entry to the INFO system.

(Dr. D. Herman, Policy Planning, 965-9942)

## FOCUS ON A STATISTICAL TOPIC

### HOUSING - INFLATION

#### Ministry of Energy:

The recent increases in the cost of energy, occurring as they have, during a period of inflations, have encouraged efforts to gain new insights into the structure of energy demand. An improved understanding of this structure will

improve the ability of Ministry of Energy staff to examine energy-related policy issues associated with conservation, substitution of fuels and longer term supply questions.



The residential energy demand analysis will identify the principal factors that influence the overall demand for energy and that influence fuel choice and will review the impact of technological change, the potential for fuel substitution and the scope for conservation measures.

Based on these studies, relationships

### Ministry of Revenue:

#### First Home Buyers' Grant

In the early months of 1976 housing starts were running 58% below 1974 levels. Housing completions were also down substantially and extra stimulation was essential. The First Home Buyer Grant of \$1500 was designed to:

- 1) restore confidence in the new housing market
- 2) reduce the inventory of unsold homes
- 3) encourage trading-up by existing owners
- 4) lower the effective down-payment and
- 5) assist first-time home buyers with reduced carrying costs over the first two years.

### Ministry of Housing:

#### Market Analysis

The Policy and Program Development Secretariat of the Ministry is involved in an on-going extensive evaluation of the impact of inflation on the housing market. This includes the analysis and forecasting of trends in specific economic variables which provide some measurement of the extent of inflation in the housing market. The major variables covered are as follows:

- Average house prices.
- Residential construction costs including building material prices and labour costs.

will be developed between independent economic, technical and other factors and energy consumption in the residential sector. These relationships will be quantified within the limits of available data and will enable projections of energy demand in this sector to be made for alternate policy options.

(Mr. J. W. Newton, Information and Analysis Group, 965-0530)

The success of the program is evident since some 90,000 purchasers took advantage of this incentive to acquire their first home, and, in 1975 first-time buyers accounted for 54% of total housing sales as compared to 30% in a normal year.

Tables are available which show the impact of the Home Buyer Grant in terms of:

- 1) type of home purchased
- 2) regional distribution
- 3) prices of homes purchased and
- 4) average house prices by region

(Mr. Smithson, Revenue Research Branch, 965-2923)

- Shelter cost component of the Consumer Price Index.

- Mortgage Rates and the overall interest rate structure.

The historical and projected trends in these data are used to assess the impact of inflation on the housing market as related to the formulation and implementation of provincial government housing programs. This is covered by the overall analysis of future housing demand and supply, involving a forecast of housing starts activity by type of structure and tenure, estimation of the future vacancy





rate situation, and mortgage fund availability.

#### Program Operation

The Ministry conducts a periodic review of income levels for various provincial

government housing programs, e.g. Home Ownership Made Easy (H.O.M.E.) Program and the Family and Senior Citizen Rental Housing Program.

(Mr. R. Stocking, Policy and Programme Development Secretariat, 965-7025)

## CONFERENCES AND MEETINGS

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June 17 - 18, 1976 -- Symposium on Canadian Population Concerns - Park Plaza Hotel, Toronto. (Three dozen invited persons) Hosted by the Population Research Foundation. (Dr. D. Herman, Policy Planning Branch, Ministry of

Culture and Recreation, 965-9942).

July, 1976 -- Canadian Quarterly Outlook Conference, Toronto. (Mr. P. Adams or Mrs. N. Bardecki, Fiscal Policy Division, T.E.I.G.A., 965-6869).

## ORGANIZATIONAL AND STAFF CHANGES

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Mrs. Joan St. Rose-Haynes, Statistical Officer, is on leave for the calendar

year 1976 and is taking graduate studies in Education at O.I.S.E.

## PUBLICATIONS

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*The 1981 Census Long Range Planning*, Ontario Statement of Proposed Content, Ministry of Treasury, Economics and Intergovernmental Affairs, May 1976.

A summary of provincial priorities for the Macro-content of the 1981 Census. This report describes the census data requirements of users in the Ontario Government. It also includes their needs in terms of subject matter and linkage between these areas.

(Mr. S. N. Sharma, Ontario Statistical Centre, 965-4575)

*Ontario Budget 1976*, The Honourable W. Darcy McKeough, Treasurer of Ontario. April 6, 1976.

The Ontario Budget Statement by the Hon. W. Darcy McKeough provides data on the economy in general as well as on the impact of the measures outlined in the Ontario Budget. There are six accompanying Budget Papers: Economic Recovery in Ontario; Financing Health Insurance in Ontario; Restraining Expenditures; The Ontario Labour Market, 1975; Reform of Property Taxation in Ontario; and Performance Under the Auto Pact: An Ontario Perspective. Each paper contains a wealth of statistics relating to the topic indicated in its title.

(N. Bardecki, Fiscal Policy Division, 965-6869)



*1976 Ontario Assistance to Local Governments*, The Honourable W. Darcy McKeough,  
Treasurer of Ontario. April 6, 1976.

Data on grants to municipalities. This publication outlines policy relating to grants to municipalities, provides aggregate information on grants by type and gives detailed estimates of unconditional grants by municipality.

(N. Bardecki, Fiscal Policy Division, 965-6869)

*Credit Union Quarterly Statistical Bulletin*, Vol. VII, No. 1, Ministry of Treasury,  
Economics and Intergovernmental Affairs.

The bulletin presents data for all active credit unions by type and size in Ontario on balance sheets, operating statements, selected averages, the number of credit unions and membership.

(A. W. MacKinnon, Ontario Statistical Centre, 965-3792)

*Municipal Financial Reports Information*, 1974, Municipal Finance Branch,  
February, 1976.

A publication summarizing the financial reports of Municipalities in the Province. This issue contains more analysis of the individual financial situation than did the publications in previous years, but the detailed statistical data may still be obtained through the Municipal Finance Branch.

(N. Bardecki, Fiscal Policy Division, 965-6869)

*Catalogue of Statistical Files in the Ontario Government*, 1976, Ministry of  
Treasury, Economics and Intergovernmental Affairs, July 1976.

Statistical files from all Ministries are listed and cross-referenced for quick and easy search by use of an index and simple coding systems.

(Mr. S. N. Sharma, Ontario Statistical Centre, 965-4575)

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ONSTAT NEWS is prepared and edited quarterly in the Ontario Statistical Centre. For additional information, contact: Shashi N. Sharma, Ontario Statistical Centre, 9th Floor, 56 Wellesley St. West, Toronto, Telephone (416) 965-4575.

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Ontario

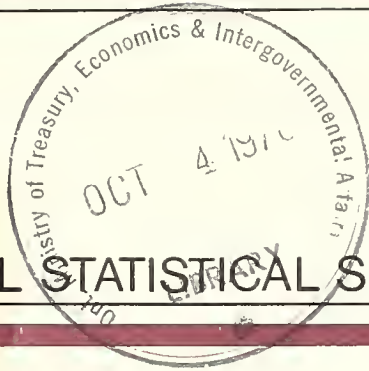
Ministry of Treasury  
Economics and  
Intergovernmental  
Affairs

The Honourable W. Darcy McKeough  
minister  
A. Rendall Dick  
deputy minister

**REFERENCE COPY**



Ontario



# ONSTAT NEWS

CENTRAL STATISTICAL SERVICES SUMMER 1976

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VOL. 2 NO. 2

IN JULY, 1976, MANAGEMENT BOARD OF CABINET GAVE FORMAL APPROVAL TO A PROPOSAL FOR THE REORGANIZATION OF CENTRAL STATISTICAL SERVICES. THE NEW ORGANIZATION WILL CONSIST OF AN ADMINISTRATIVE OFFICE AND FIVE UNITS, NAMELY CLIENT SERVICES AND MARKETING; DATA MANAGEMENT; STATISTICAL SURVEYS, STANDARDS AND METHODOLOGY; ECONOMIC ACCOUNTS; AND SOCIAL AND DEMOGRAPHIC DATA.

THE PRIMARY GOAL OF THE NEW ORGANIZATION IS TO PROVIDE STATISTICAL INFORMATION AS PART OF THE POLICY AND PLANNING PROCESS IN GOVERNMENT. STATISTICAL INFORMATION AND SERVICES WILL BE PROVIDED ON REQUEST TO GOVERNMENT MINISTRIES AND OUTSIDE USERS, ON A PARTIAL COST-RECOVERY BASIS, WHERE FEASIBLE. IN ADDITION, THE NEW ORGANIZATION WILL LIAISE WITH OTHER OUTSIDE STATISTICAL AGENCIES, ESPECIALLY WHERE CO-OPERATIVE ARRANGEMENTS ARE IN EFFECT.

TO MEET THESE OBJECTIVES THE NEW ORGANIZATION WILL CARRY OUT A NUMBER OF MAJOR FUNCTIONS. SOME OF THESE ARE: ESTABLISHING AND ADMINISTERING AN ONTARIO DATA INFORMATION FACILITY IN CO-OPERATION WITH THE MINISTRIES OF GOVERNMENT TO ASSIST USERS IN SECURING AND SHARING DATA; CO-ORDINATING FEDERAL-PROVINCIAL STATISTICAL ACTIVITIES; PROVIDING REPRESENTATION ON THE FEDERAL-PROVINCIAL COUNCIL FOR STATISTICAL POLICY; PRODUCING SOCIAL AND DEMOGRAPHIC DATA FOR THE PROVINCE; CO-ORDINATING AND UNDERTAKING STATISTICAL SURVEYS WITH A VIEW TO MINIMIZING COST AND RESPONDENT BURDEN; ESTABLISHING AND MAINTAINING STATISTICAL STANDARDS; PROVIDING STATISTICAL CONSULTATIVE SERVICES; AND DEVELOPING A COMPREHENSIVE SET OF ECONOMIC ACCOUNTS.

AS IN THE PAST, THE STATISTICAL DATA USERS' COMMITTEE AND THE TECHNICAL ADVISORY GROUP ON STATISTICS, CONSISTING OF MINISTRY REPRESENTATIVES, WILL CONTINUE TO ADVISE ON STATISTICAL PRIORITIES AND MINISTERIAL NEEDS. THIS WILL ENABLE CENTRAL STATISTICAL SERVICES TO CO-ORDINATE STATISTICAL ACTIVITY FOR THE GOVERNMENT.

## ACTIVITY

### CENTRAL STATISTICAL SERVICES

#### Consumption of Fuel and Electricity by Ontario Manufacturing Industries, 1973

This continuing annual survey was undertaken by the Central Statistical Services Division in 1972. The basic data are obtained from

Ontario summaries for manufacturing industries, received from Statistics Canada. A series of computer programs





are used to consolidate the data into corresponding figures for industry groups, and to calculate unit values for each type of energy, from volume and value figures, and the ratios of energy inputs to value of shipments, value added

and the number of employees in each industry. The final computer program also prints out results for publication in a suitable format.  
(O. J. Menezes, Central Statistical Services, 965-7078)

### Product Directory

The Product Directory is a listing of Ontario manufacturing establishments and the products each produces. It is compiled annually from Census of Manufactures information and is based upon the Statistics Canada concept of establishments and classified according to the Standard Industrial Classification.

The Product Directory is stored on magnetic tape and as such, is capable of being

sorted and produced on either a product or an establishment basis. The former method lists the products and the establishments producing each commodity while the latter reverses the order. The Directory can also be produced on an industry basis or by industrial groups in accordance with SIC standards.

(J. Singh, Central Statistical Services, 965-3792)

### Social Indicators

Work is underway to develop a reference publication of the basic facts and trends relating to Ontario. The development of Socio-Economic trends began nearly a year ago at the suggestion of the Statistical Data Users' Committee and the Technical Advisory Committee. This project is being performed with the help and co-operation of various Ministries and the Technical Group.

These indicators will be published in the form of a handbook, an easily referenced document for the benefit of Legislators, Government officials and the general public. These Socio-Economic indicators will provide an essential raw material for intelligent decision making and would provide perspective for planning in Ontario.  
(S. N. Sharma, Central Statistical Services, 965-4575)

## MINISTRY OF NATURAL RESOURCES

### Survey of Sport Fishing 1975

A random sample survey of licencees and residents in Ontario has been initiated. Its objectives are to relate activities and preferences of anglers to capability and availability of fishery resources. It has been

integrated with a Canada-wide survey and preliminary data processing will be done by Ottawa. A report is expected in 1977.

(K. Loftus, Fisheries Branch, 965-7887)

## FOCUS ON A STATISTICAL TOPIC

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### HEALTH SERVICES AND COSTS

#### Central Statistical Services

*Estimated Expenditure on Health Care, Ontario During the Years 1970/71, 1971/72, 1972/73*

The purpose of this report, originally requested by the Ontario Ministry of Health, is to account for all health care expendi-

tures made by Ontario residents, firstly according to spending agency from particular government departments to voluntary



'health associations' and secondly, according to the type of health care purchased, from particular institutional care to professional services, equipment and supplies and cost of training medical and para-medical personnel. The total exceeded \$2.9 billion in 1972/73, an increase of 8.5% over the previous year and over 24% increase in the 2 years since 1970/71. 70% of the 1972/73 health bill

was spent by the Ministry of Health, and the major item of health care was public hospitals, which took 39% of the total bill. Also included in the report are brief discussions of other results and of conceptual and definitional problems involved in arriving at total costs of health care.

(For information, contact Mrs. L. Hastie, 965-3792)

### Ontario Economic Council

#### *The Distributional Impact of Health Care Financing in Ontario: An Overview of the Study*

This study investigates the distribution of the costs and benefits of Ontario's hospital and medical insurance plans by income class. It also attempts to analyse these distributional effects by using important socio demographic characteristics of the population (i.e. geographic location, age, and family size).

The core of the study is the estimation of the costs and benefits of the current hospital and medical insurance plans in

Ontario by income class. The definition of "benefit" in this context is basically the value of services at current prices, costs, or fees, and not the value of some final measure such as "improved health".

The second part of the study examines the determinants of health care utilization in Ontario. A simulation model will also be built to evaluate alternative financing systems for health services in Ontario. (For information contact M. Barer, 965-4315)

#### *The Hospital Budgetary System in Ontario*

Health services involve a substantial provincial financial commitment, and hospitals appropriate a very large part of that cost. The objective of the study is to examine how the budgetary system is administered by the Ontario Ministry of Health and to determine how it could be modified to further reduce the cost of hospital care.

The study involves a description of the present budget review system. This has been completed. Ministry and other data

related to the budgets awarded in 1972 will be examined to determine the size of the increases allowed and to identify the factors and parties in the review process which have had a significant influence on the size of the increase. Finally, some present budgetary proposals will be examined for their possible contribution towards reducing the cost of hospital care.

(This study is now nearing completion. For information contact R. G. Milne, 965-4315)

#### *Health Measurement and Health Care Planning in Ontario*

This study investigates the role that health status measurements could play in the planning of Ontario's health services. The levels at which such measures have been claimed to be useful vary from the microscopic (in clinical practice and research) to macroscopic (sector planning and international comparisons).

The now quite extensive literature in medical, administrative, and economic

journals will be reviewed, assessed and structured in such a way that it can be related to Ontario's current and prospective policy choices, to the federal context of health indicator development, and to the existing base of statistical information in Ontario.

(This study is now nearing completion. For information please contact A. J. Culyer, 965-4315)





## Ministry of Labour

The Ministry of Labour, under its occupational safety programme, administers and enforces The Industrial Safety Act and The Construction Safety Act. These activities promote the protection of employees at the work place. The Ministry also develops statistical information on safety primarily for monitoring and evaluation of this programme. The Ministry of Health provides expert advice on

health matters.

The Workmen's Compensation Board of Ontario provides medical treatment and monetary compensation to workers for any wage loss that may arise out of work injuries and illnesses. The Board (W.C.B.) also maintains statistical information on work injuries and occupational diseases. (Occupational Safety Branch, 965-7161)

## FEDERAL-PROVINCIAL DEVELOPMENTS

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As a result of an agreement with Statistics Canada, Ministry of Colleges and Universities now has direct access to unit record data on university students.

This development is expected not only to greatly improve the accessibility of this data base but also to facilitate efforts to improve data quality.

## CONFERENCES AND MEETINGS

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The following are upcoming Federal-Provincial Conferences:

- September 16-17: -Working Party on Health Statistics
- October 18: -Statistical Committee on Administrative Records
- October 19: -Committee on Standards and Classifications
- October 20: -Committee on Construction and Investment Statistics

(For more information call J. DePoe, Central Statistical Services, 965-4575)

TNM Project Group of the International Union Against Cancer met in Geneva, September 13-17, 1976. Participants included representatives of relevant

disciplines from ten different countries and delegates from WHO, INARC, ICPL, FIGO. Topics covered included: Classification of anatomical extent of disease in cancer; assessment of end results of treatment; the International Classification of Disease for Oncology.

A joint paper with Health and Welfare Canada, "An Operating System for the Intergovernmental Sharing of Data" was presented September 1976 at the Urban and Regional Information Systems Association in Atlanta. Focus is on the savings possible through co-operation between federal, provincial and municipal computer systems. (D. Herman, Policy Planning, Ministry of Culture and Recreation, 965-9942)

## ORGANIZATIONAL AND STAFF CHANGES

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The former Statistical Services Branch of the Ministry of Colleges and Universities has been merged with the former Information Branch and the library to form a new unit: The Information Resources Branch. Mr. John Watkinson has been appointed Director of the new unit.

Dr. A. H. Sellers retired from his full-time appointment as medical statistician

to The Ontario Cancer Treatment and Research Foundation, effective June 30, 1976. A successor is being sought.

Dr. Mabel L. Halliday has been appointed to the full-time staff of the Foundation to replace Dr. Elizabeth N. MacKay in charge of the provincial cancer registration project, effective September 20, 1976.



## PUBLICATIONS

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*Cost of the Federal Guaranteed Annual Income Proposal*, Taxation and Fiscal Policy, Ministry of Treasury, Economics and Intergovernmental Affairs, April 1976.

A report outlining costs, methods of estimation, data inadequacies and how they are dealt with.

(John Ilkiw, Fiscal Policy Division, 965-6869)

*Reforming Fiscal Arrangements and Cost Sharing in Canada*, The Honourable W. Darcy McKeough, Treasurer of Ontario.

Statement to the meeting of the Ministers of Finance in Ottawa, July 6-7, 1976. Outlines provincial principles and analyzes the federal proposal, the revenue guarantee and Ontario's approach to the issue.

(R. Chu, Fiscal Policy Division, 965-6869)

*Innovative Work Arrangements - A Case Study in Job Enrichment - Philips Electronics Ltd.*, Research Branch, Ministry of Labour, July 1976.

This is the third in a series of case studies on the theme of innovative work arrangements. Each study describes the experience of a different industrial or commercial organization in Ontario which has made some substantial change in the work arrangements of its employees.

(M. Skolnik, Research Branch, 965-6101)

*Consumption of Fuel and Electricity by Ontario Manufacturing Industries, 1973*, Ministry of Treasury, Economics and Intergovernmental Affairs.

A publication with this title has recently been released by Central Statistical Services. It can be purchased at the bookstore, 880 Bay St., for \$2.50. It consists of about 100 pages, giving consumption of each type of energy, in volume and in value, by each of twenty major groups of manufacturing industries in Ontario. It also relates energy inputs to value of shipments, value added and number of employees in each industry group.

(O. J. Menezes, Central Statistical Services Division, 965-7078)

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ONSTAT NEWS is prepared and edited quarterly by Central Statistical Services. For additional information, contact: Janice DePoe, Central Statistical Services, 9th Floor, 56 Wellesley Street West, Toronto, Telephone (416) 965-4575.

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Ministry of Treasury  
Economics and  
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Affairs

The Honourable W. Darcy McKeough  
minister  
A. Rendall Dick  
deputy minister





Ontario

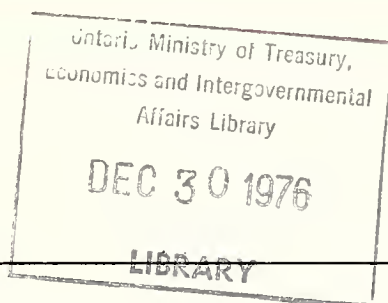
# ONSTAT NEWS

CENTRAL STATISTICAL SERVICES

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## ACTIVITY

### CENTRAL STATISTICAL SERVICES

#### Health Survey of Parry Sound and Vicinity

In September 1976 the Ministry of Health commissioned Central Statistical Services to conduct an interview survey of approximately 300 persons living in Parry Sound and vicinity who are 60 years and over. The purpose of the study is to obtain information about various aspects of health care received or required by these citizens for use in planning the delivery of health services in the region. Results will be linked to a concomitant survey of

the supply and utilization of beds in Parry Sound hospitals conducted by local physicians.

The field work took place in mid November and a complete report on the results will be made available to the Ministry of Health, (Data Development and Evaluation Branch) early in the New Year. (L. Hastie, Central Statistical Services, 965-3792.)

#### Index of Data Files for Local Governments

This project was initiated at the request of Ontario Economic Council. The major purpose of this index is to assist users in the local governments i.e. municipalities and regions to locate and acquire needed data through the appropriate ministries and agencies in the Ontario Government.

In cooperation with the Provincial-

Municipal Affairs Secretariat, some ideas concerning data needs and how these might best be presented in an index has been obtained from local governments.

It is envisioned that an index will be ready in early 1977.

(S. N. Sharma, Central Statistical Services, 965-4575.)

#### Multiyear Comparisons in Manufacturing Industry

The MEFORMS (Multiyear Establishment Level File of Ontario Manufacturing Statistics) project should interest people active in industry performance studies and micro-economics generally. The project is a first attempt to produce a simple computer file which can be applied in multiyear studies down to establishment level at relatively low-cost. The file is a resource which we can use for you in mounting studies to your specification. File use

is subject to the conditions of the Federal and Provincial Statistics Acts.

This is another project which has arisen from the cooperation of the Policy Planning Branch and Central Statistical Services. (ONSTAT NEWS, Vol. 2 No. 2, published this Spring mentions the project on New Manufacturing Establishments.) In this case the main codes and variables carried on the file are as follows:





Standard Industrial Classification  
County-Municipality Code  
Economic Region and Planning Region Codes  
Type of Organisation Code

Value of Shipments  
Value Added  
# of Production Workers (male and female counts)  
# of Salaried Employees (male and female counts)  
Production Wages

Total Salaries  
Total Cost of Fuel and Electricity Consumed  
Cost of Manufacturing Materials

We will be pleased to receive your enquiries on this topic and will welcome discussions concerning practical applications.

(L. A. Cornwall, Central Statistical Services, 965-7078).

### Ontario Short-Term Population Projections, 1975-1986

Short-term population projections are now available for the Province, by sex and single years of age. These projections are based on estimated population distribution for 1975 and they take into account the most recent assessment of fertility

in Ontario. The report also provides a brief overview of past and expected population trends in Ontario with relevant tables and charts.

(R. Kogler, Central Statistical Services, 965-9000).

### Protecting Confidentiality in Census of Manufactures Data

A paper was received on proposed methods of preventing "approximate residual disclosure" of confidential census data, by Dr. Lawrence H. Cox, of the U.S. Bureau of the Census, which had been presented at a meeting of the American Statistical Association on August 24, 1976.

excessive amount of computation required for implementation, in relation to the results obtainable. The critique also suggested the lines that may be followed in trying to develop a more complete solution of this important and complex problem.

A critique of this paper by Dr. O. J. Menezes of the Central Statistical Services was forwarded to Statistics Canada. It pointed out both the contributions of the paper and its limitations; the latter relating particularly to the apparently

Copies of the paper by Dr. Cox, and of the comments, are available from the Central Statistical Services.

(O. J. Menezes, Central Statistical Services, 965-7078).

## MINISTRY OF LABOUR

### Computerized Wage Development in Collective Bargaining Settlements in Ontario

Since 1971, the Research Branch has provided information quarterly on changes in base wage rates established by collective bargaining settlements covering 200 or more employees. The report reveals the number of employees affected by settlements, the average annual percent increase and cents per hour increases for all agreements. It also indicates agreements with cost-of-

living clauses and those without such clauses. The calculations were prepared manually before. However, a computerized information retrieval system has been developed and implemented since September. The system is flexible enough to generate information for any time period (e.g. monthly or quarterly) and any size of bargaining unit.

(L. Haywood, Research Branch, 965-6101).

## MINISTRY OF COLLEGES AND UNIVERSITIES

### Survey of 1975 Ontario Post Secondary Graduates

The objective is to determine employment experience of 1975 graduates over a period of 18 months following graduation. Survey will give data on program, occupation, and salary. Employment and salary status will be determined at 6 reference weeks, 3

months apart and corresponding to those in the Labour Force Survey. Data will be collected which will be directly comparable to data available for the survey of the 1974 graduates.

(T. Duff or L. Oliver, 965-2827/5477).



## MINISTRY OF TRANSPORTATION

### MTC Urban and Regional Planning Office

Preparation of an employment data base to the traffic zone level for the North Eastern and North Western Ontario regions had been initiated. Primary industry

employment (including mining) is one of the employment sectors. Data are prepared for 1971 and projected for 1981. (D. Nitkin, 248-3766).

## FOCUS ON A STATISTICAL TOPIC

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### MINING

#### Ministry of Treasury, Economics and Intergovernmental Affairs

##### Mining Census

Under agreement with Statistics Canada, the Central Statistical Services has edited census returns for 1975, for upwards of 600 mining establishments. The editing involves arithmetic checks on accuracy, checks on internal consistency of the returns and consistency with returns from the same establishment for previous years. It also may require contacting the respondent by telephone or letter to clarify problems of classification, definition, etc. and correct the figures if necessary. The edited returns are forwarded to Statistics Canada, and copies are made available to the Ontario Ministry of Natural Resources under a special agreement.

A set of written guidelines has been developed by the Central Statistical Services to indicate proper procedures for checking, classification, definition, etc. of figures from the respondents. A valuable by-product of the process of editing is the insight it provides into problems of compilation of figures and definition of terms. This has led to suggestions on appropriate modifications of the questionnaire forms; some of which have been presented at the meeting of the Federal Provincial Committee on Mineral Statistics, held in Ottawa on November 3, 1976. (O. J. Menezes, Central Statistical Services, 965-7078).

#### Ontario Economic Council

##### Exploitation of Ontario Mineral Resources: An Economic Policy Analysis

This study is designed to set out the issues involved in public economic policy towards mineral resource exploitation in Ontario. It contains a review of the mineral sector to show how the sector has developed, its current significance on the provincial scene, and its major structural characteristics. The study sets out an economic policy framework that focuses on the case for policy intervention in the mineral sector. Finally, there is an evaluation of existing

and alternative policies.

The main result of the study is that the set of economic policies currently employed by Ontario is not seriously out of line with an optimal set of economic policies. While there is room for improvement of some of the details of the policy instruments, there is no clear case for abandoning the current set of economic policies. (J. C. Leith, 965-4315).

##### The Industrial Structure of the Ontario Mining Industry

The purpose of this study is to examine the structural features of Ontario's mining industry, with particular reference to metal mining in Northern Ontario. The primary objective is to ascertain the ways in which various aspects of industrial structure affect the stability of income and employment levels in northern communities heavily dependent on mining activities.

As well, this study examines the case for and against the encouragement of further processing of raw and semi-processed materials, as a possible solution to the cyclical movement of income and employment levels. This also involves a critical examination of existing public policies which intend to promote further processing. (S. H. Gill, 965-4315).





## CONFERENCES AND MEETINGS

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### Planning Conference on Social Statistics

The conference was scheduled for November 25 and 26, 1976 in Ottawa. The various federal departments and provinces were represented to discuss number of options which link the content and form of the 1981 Census content to proposals to extend and modify the household survey activities in Statistics Canada with the intent to supplement the proposed reduced

content. Statistics Canada has noted and obtained clear expressions of user agencies' interests at the conference and presently is developing an initial presentation for the Cabinet for the 1981 Census and Social Statistics.

(E. P. McCoy, Central Statistical Services, 965-4575.)

The following are upcoming Federal-Provincial Conferences:

February 22-24, 1977: Consultative Council on Statistical Policy

March 8-9, 1977: Committee on Agriculture Statistics

May 25-27, 1977: Intergovernmental Conference on Local Government Information Development

(For more information call J. DePoe, Central Statistical Services, 965-4575).

## ORGANIZATIONAL CHANGES

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The Statistics Section of the Ministry of Education has been transferred to the Information Systems and Records Branch.

The address is Room 1855, Mowat Block, Queen's Park, and the telephone numbers are 965-2621/2622/2060.

## PUBLICATIONS

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*Ontario Tax Studies II, Regional Government in Perspective: A Financial Review*, Ministry of Treasury, Economics and Intergovernmental Affairs, Municipal Finance Branch, May 1976.

This study examines the performance of the regional governments created in Ontario since 1969. It focuses on the financial dimensions and shows the impact of reorganization on local spending and taxing.  
(P. McPherson, Municipal Finance Branch, 965-1074.)

*Ontario's Economic Strategy for 1977*, The Honourable W. Darcy McKeough, Treasurer of Ontario, November 23, 1976.)

Mini Budget presented by the Honourable W. Darcy McKeough, Treasurer of Ontario in the Legislative Assembly of Ontario, November 23, 1976.  
(R. Chu, Ministry of Treasury, Economics and Intergovernmental Affairs, Fiscal Policy Division, 965-8490.)

*A Geocoding System for Rural Ontario*, Ministry of Treasury, Economics and Intergovernmental Affairs, Central Statistical Services, March 1976.

A joint paper with Queens University was published in the *CANADIAN GEOGRAPHER*, xx, 3, 1976. The paper reviewed a geocoding system for rural areas of Ontario. The system - Rural Geocoding has to automatically assign x-y-coordinates to data elements referenced by lot and concession. The system also allows for the geographical representation of data and retrieval by arbitrary query area. Two applications of the system are also described in this paper.  
(Dr. J. Singh, Central Statistical Services, 965-3792.)



*Index of Statistical Files in the Ontario Government, 1976*, Ministry of Treasury, Economics and Intergovernmental Affairs, November 1976.

Statistical files--those that can be legitimately made available to users outside the government from all ministries--are listed and cross-referenced for quick and easy search by use of an index and simple coding system.

(S. N. Sharma, Central Statistical Services, 965-4575.)

Copies available from Publications Centre, 3B-7 Macdonald Block, Queen's Park, Toronto. Price: \$3.00.

*Job Vacancies by Major Occupation and Industry Groups, Ontario and Six Canada Manpower Centre (C.M.C.) Management Regions, First Quarter 1976 and Job Vacancies by Major Occupation Group for Ontario, Fourth Quarter 1975, Employment Information Series, Number 18*, Ministry of Labour, Research Branch, October 1976.

This is the first in the series of quarterly reports following the report on historical trends in job vacancies. It includes information on job vacancies by major occupation and industry groups for Ontario and the six Canada Manpower Centre Management Regions within. Where possible, these data have been seasonally-adjusted. The report gives more detailed breakdown of the regional and occupational composition of job vacancies in Ontario than are published by Statistics Canada. Job vacancies by major industry groups are included for the first time. Also the report contains other tabulations, such as seasonally-adjusted vacancies and vacancy rates for occupations, industries and regions which are not available from Statistics Canada.

(For further information please call Dr. Farid Siddiqui or Margaret Smiley, Research Branch, 965-6101.)

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Ministry of Treasury  
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Affairs

The Honourable W. Darcy McKeough  
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A. Rendall Dick  
deputy minister



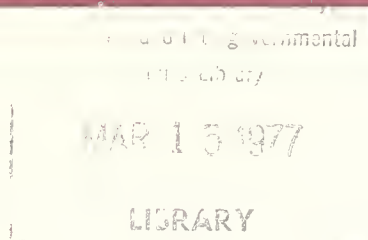


Ontario

# ONSTAT NEWS

CENTRAL STATISTICAL SERVICES WINTER /76

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## ACTIVITY

### CENTRAL STATISTICAL SERVICES

#### Census of Manufactures Establishment Description Information, 1970-1974

A file representing the universe of establishments in the annual Census of Manufactures, Census of Mines and Census of Forestry is available to requesters. Each record on this file is described in terms of 63 variables. However, due to matters of information confidentiality, only the following variables can be released to users external to Central Statistical Services:

- Name
- Address
- Industry Code
- Geographical location code (except for Census of Mines and Census of Forestry)

- Employment Stratification code (1971 to 1973 available; 1974 and 1975 still pending)
- Multi-establishment code

These lists can be generated as mailing labels or as regular printouts made to suit a format specified by the user. Selection of records can be made according to market areas in Ontario and sorted in any specified sequence. Processing costs vary between \$20-200 per list.

(L. A. Cornwall or A. F. Hylands, Central Statistical Services, 965-7078).

#### Statistical Consultation

Professional statistical consulting services are provided mainly to government ministries and agencies seeking statistical expertise. Consulting is available on the general statistical methodology, designing and analysis of surveys, data analysis, interpretation of data, data quality, forecasting and model building. Some recent examples are:

- \* Forecasting Models for Provincial Courts (Ministry of the Attorney General).

A project proposal has been prepared to produce short and long range projections of human resource and physical equipment needs for the administration of "Courts".

- \* Information survey for the Affirmative Action Program (Ministry of Treasury, Economics and Intergovernmental Affairs).

Data collected on the information survey on employee attitudes towards equal opportunity and career development was analyzed and interpreted. In addition a report was prepared in conjunction with the members of the Women's Advisory Committee.

- \* Parks Survey (City of Mississauga).

Consultations and advice provided in the analyzing and interpretation of survey data.

(S. N. Sharma, Central Statistical Services, 965-4575).





## Ontario and County Population Projections, 1971 to 2001

Population projections for 1971 to 2001 are now available to users in machine readable form, by 5 year age groups and single years of age, by sex for Ontario and by county. Agencies and Ministries with direct access to the ANSSIR system

at DATALINE can access this file directly: Tape Number M127.

(R. Dalal, Social and Demographic Unit, Central Statistical Services, 965-2217).

## Ontario Economic Accounts

The Ontario Economic Accounts for 1975 by sector, with minor revisions to the period 1971-74 have recently been completed based on new data and revisions recently released by Statistics Canada.

Gross Provincial Product for 1975 reached \$65.3 billion, an increase of 9.6% over 1974. Over the same period, personal income grew at a rate of 14.4% to a

level of \$52.9 billion.

Copies of these updated tabulations which may be used in conjunction with Ontario Economic Accounts data published in *Ontario Statistics 1976*, may be obtained from the Economic Accounts Section, Central Statistical Services.

(Mrs. P. Fromstein, Central Statistical Services, 965-4801).

## FOCUS ON A STATISTICAL TOPIC \_\_\_\_\_

### CRIME

#### Ministry of Transportation and Communications

##### Statistics on Traffic Offences

The Licensing and Control Branch of the Ministry of Transportation and Communications compiles statistics on convictions under the Highway Traffic Act and also those convictions under the criminal code pertaining to traffic offences.

The statistics are compiled quarterly on an all-Ontario basis and are available to users on request.

(Mr. R. J. Proulx, Licensing and Control Branch, 965-1594).

#### Ministry of Correctional Services

Juvenile Information System: Compiles continuing information through training schools and placement to termination of wardship. Covers 1974 to present.

continuing history of adult offenders from first incarceration to final disposition. Covers 1975 to present.

Adult Information System: Compiles

(R. Wills, Management Data Services, 965-7188).

#### Ministry of the Attorney General

Management Information System collects information on the operations of the courts in Ontario. Information is aggregate and is supplied by court offices on a regular basis via hand prepared data sheets. The data collected provide an indication of the charges received, disposed and outstanding for each type of court broken down by type of case. The following data are collected: Daily Statistical Returns

from all court offices of the Provincial Court (Criminal Division), Monthly Statistical Reports for the Supreme County and Surrogate Courts, Monthly Reports from the Court of Appeals and the Divisional Court, and Monthly Reports from court offices of the Provincial Court (Family Division). The information received is summarized manually and Quarterly and Annual Reports are produced which are distributed on a limited basis



to persons within the Ministry and other Ministries.

In addition there is a computerized information system for charges laid under the Criminal Code of Canada, Narcotics Control Act and Food and Drug Act. It is a case-flow system which is initiated when a charge is received in a court office.

#### Ministry of the Solicitor General

##### Ontario Provincial Police

The Ontario Provincial Police in policing approximately 25% of the population of Ontario and almost all of the provincial highways, investigates among other duties approximately 15% of the crimes and 40% of the motor vehicle collisions which occur in Ontario. In doing this job, the O.P.P. collects for this jurisdiction, crime information in the Statistics Canada format, detailed traffic collision information, and violation and prosecution information for all Federal and Provincial

Information is collected on each court appearance until the charge has been disposed. This system is operational in eleven counties. Regular reports are run on a monthly basis and special request reports are run as required for the management.

(D. Bryson, Management Information System, 965-9417).

Statutes. This information, available on hard copy, or computer tape, is analyzed regularly to determine anomalies.

These analyses often give rise to special statistical studies. Recent special studies include an analysis of collision reductions since the introduction of lower speed limits, and a statistical survey of young offenders prosecutions.

(Robert Harris, Planning and Research Branch, 965-2542).

## FEDERAL-PROVINCIAL DEVELOPMENTS

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### Committee Meetings

The following are details of Ontario's participation in upcoming Federal-Provincial Committee Meetings:

March 10, 11, 1977 - Census of Population and Housing. Topics to be covered include content of 1981 Census, quality and coverage, population projections. Mr. E. P. McCoy, Central Statistical Services, T.E.I.G.A., 965-4575.

May 5-6, 1977 - Labour Statistics.

### Collective Agreement Technical Meeting

The first meeting was held in September 1976 among representatives of provincial and federal labour departments. The main objective of the meeting was to set up a system to disseminate common collective agreement data among the various juris-

Mrs. Stevenson, Ministry of Labour, 965-6101.

May 10, 1977 - Merchandising and Services Trade Statistics. Mr. A. W. Noseworthy, T.E.I.G.A., 965-3792.

May 11-12, 1977 - Price Statistics. Emmet Weatherhead, T.E.I.G.A., 965-3792.

May 12-13, 1977 - Census of Manufactures. L. A. Cornwall, T.E.I.G.A., 965-7078.

dictions within Canada. A panel has been formed to deal with the subject of a common coding and a common data processing system. The second meeting was held in January 1977. The intention is to hold semi-annual meetings in the future.

## MEETINGS

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The American Statistical Association will present two lectures at their upcoming chapter meetings. On March 30, 1977 speaker will be Jerome Cornfield and April 29, 1977, Ivan P. Fellegi. For topics and further details please contact S. N. Sharma, Central

Statistical Services, 965-4575.

March 8-9, 1977 -- 1981 Census of Agriculture, Food Systems data needs, Ottawa. Fred Wind and Nick Roller, Economics Branch, Ministry of Agriculture and Food, 965-1064.





## ORGANIZATIONAL AND STAFF CHANGES

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The following appointments of senior staff for Central Statistical Services were recently announced:

Dr. K. Cheng, Special Technical Advisor to the Executive Director, Mr. O. M. Schnick.

Mr. L. A. Cornwall, Manager, Data Management.

Mr. E. P. McCoy, Manager, Client Services and Marketing.

Mrs. H. Salisbury, Manager, Social and Demographic Data.

Mr. G. Z. Szabo, Manager, Surveys, Standards and Methodology.

(to come later), Manager, Economic Accounts.

\*\*\*\*\*

Three research branches formerly located in the Trade, Industry and Tourism Divisions have been amalgamated to form the new Economic Analysis and Research

Branch in the Ministry of Industry and Tourism. Mr. James V. Wessinger is the Director of the new unit.

\*\*\*\*\*

Information enquiries from the Central Statistical Services should now be

directed to Alex Kunachowicz, Information Officer, 965-4575.

## PUBLICATIONS

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*Ontario Statistics, 1976*, Ministry of Treasury, Economics and Intergovernmental Affairs, February, 1977, 730 pp.

This two-volume publication, containing statistics covering the major aspects of the social, economic and financial life of Ontario, is available from Publications Centre, 3B-Macdonald Block, Toronto, Ontario, at a charge of \$7.00 per set.

(Mr. S. N. Sharma, Central Statistical Services, 965-4575).

*Report of the Commission on the Reform of Property Taxation in Ontario*, Ministry of Treasury, Economics and Intergovernmental Affairs, March, 1977.

A discussion on the reform of property taxation in Ontario.

(L. Close, Municipal Finance Branch, 965-1617).

*Information Survey for the Affirmative Action Program*, Ministry of Treasury, Economics and Intergovernmental Affairs, December 1976, 52 pp.

A report on the attitudes of employees toward equal opportunity and career development in the work place.

(E. A. McLaren, Women's Co-ordinator, 965-1979).

*Wage Developments in Collective Bargaining Settlements in Ontario, Third Quarter 1976*, Ministry of Labour, January 1977.

Thirteen tables describe changes in the base wage rates established by collective bargaining agreements covering 200 or more Ontario workers, negotiated in the third quarter of 1976. The data were drawn from the monthly report on



settlements prepared jointly by the Canada Department of Labour and the Ontario Ministry of Labour. They are preliminary data and may be subject to change as further settlements relating to this period become available. It should also be noted that some of the settlements may be subject to revision as a result of rulings by the Anti-Inflation Board.

(Ian Welton, Research Branch, 965-6101).

*Ontario Career Action Program - Evaluation Report; Phase II*, Ministry of Colleges and Universities, March, 1977.

(T. Duff, Information Resources, 965-2827).

*Secondary/Post-secondary Interface Study; Summary Report*, Ministry of Colleges and Universities and Ministry of Education, January, 1977.

(T. Duff, Information Resources, 965-2827).

*Credit Union Quarterly Statistical Bulletin*, Vol. VIII, No. 3, Ministry of Treasury, Economics and Intergovernmental Affairs, March, 1977.

This bulletin presents financial and other data for all active credit unions and caisses populaires in Ontario, by type and asset-size, as at September 30, 1976. Included are: consolidated balance sheet, operating statement, selected averages, number of credit unions and membership, and an analytical review over the last five years of a selected topic (changes in the ratio of reserves to loans outstanding).

(Mr. A. W. MacKinnon, Central Statistical Services, 965-3792).

*Realty Mortgage Loans Registered in Ontario During 1975*, Ministry of Treasury, Economics and Intergovernmental Affairs, March, 1977.

This annual publication (last in this series) includes estimates of the number, value and average value of newly registered conventional mortgages in Ontario, distributed by county, lender and borrower types. Included also are distributions by weighted average interest rates, length of contract, size of municipality, supplemented by data on NHA mortgages as provided by CMHC.

(Mr. A. W. MacKinnon, Central Statistical Services, 965-3792).

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*ONSTAT NEWS* is prepared and edited quarterly by Central Statistical Services. For additional information, contact: Janice DePoe, Central Statistical Services, 9th Floor, 56 Wellesley St. West, Toronto, Telephone (416) 965-4575.

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Ministry of Treasury  
Economics and  
Intergovernmental  
Affairs

The Honourable W. Darcy McKeough  
minister  
A. Rendall Dick  
deputy minister





# ONSTAT NEWS

CENTRAL STATISTICAL SERVICES

SPRING 1977

Ministry of Treasury

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VOL. 3 , NO. 1

AS WAS OUTLINED IN A PREVIOUS ISSUE OF ONSTAT NEWS, C.S.S. HAS RECENTLY UNDERGONE A REORGANIZATION TO BETTER SERVE ALL STATISTICAL DATA USERS IN THE GOVERNMENT. THE PRIMARY GOAL OF THE NEW ORGANIZATION IS THE GENERATION, PROVISION, ANALYSIS AND INTERPRETATION OF TIMELY AND ACCURATE STATISTICAL DATA. BELOW IS A LISTING OF STATISTICAL SERVICES AVAILABLE ON DEMAND BY FUNCTION AREA.

## 1) CLIENT SERVICES AND MARKETING

Expands and expedites statistical services to the government, agencies and municipalities through liaising with users and identifying, evaluating and coordinating their needs on a subject matter basis, coordinates and keeps abreast of Federal-Provincial statistical developments, monitors statistical activity in other provincial governments, provides a public relations and communications role, develops publication guidelines and provides publication services to the organization.

## 2) STATISTICAL SURVEYS, STANDARDS AND METHODOLOGY

Conducts sample surveys and censuses, produces statistics from government administrative records, develops and promotes the use of standard classification systems and standard concepts and definitions in order to facilitate the comparability and linkage of statistical information, provides technical advice and services in statistical methodology, and survey design.

## 3) DATA MANAGEMENT

Assembles, stores, manipulates and retrieves data from internal and external sources in order to meet the requirements of data users. Answers written and telephone information requests providing a referral service to assist enquirers to locate data not stored in C.S.S. The major project areas include: Census of Industry, Establishment Description Files, Energy Statistics, Product Directory and Development of an Information Network. This unit also issues the following publications; Ontario Statistics, The Catalogue and Index of Statistical Files, Consumption of Fuel and Electricity and The Index of Ontario Government Statistics for Municipalities.

## 4) SOCIAL AND DEMOGRAPHIC STATISTICS

Develops demographic data for the province, counties and other administrative areas for planning and budgeting purposes and social statistics related to government planning needs, provides special demographic social studies.

## 5) ECONOMIC ACCOUNTS

Utilizes data flows from various sources in support of a system of economic accounts for the province, and time series; provides a data and advisory service on G.P.P.

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## ACTIVITY

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### CENTRAL STATISTICAL SERVICES

#### Population Estimates, 1976

Preliminary population estimates by county and selected cities have been developed by the Social and Demographic Unit for the Ministry of Health.

These are based on the preliminary census count.

(Mr. C. Tappenden,  
Central Statistical Services 965-2217).

#### Consumption of Fuel and Electricity by Ontario Manufacturing Industries, 1974

This continuing annual survey was undertaken by Central Statistical Services. The basic data are obtained from Ontario summaries for manufacturing industries, received from Statistics Canada. A series of computer programs are used to consolidate the data into corresponding figures for major industry groups and 3-digit industries, and to calculate unit values for each type of energy from volume and value figures, and the ratios of energy inputs to value of shipments, value added and the number of employees in each industry.

A new feature added in the 1974 issue is a table on use of each type of energy, by industry, in British Thermal units. This enables comparisons, in physical units, between types of energy and different industries, including inter-temporal comparisons. This avoids variations due to changes in prices. The final computer program also prints out results in a format suitable for publication.

(O.J. Menezes,  
Central Statistical Services, 965-3792).

### MINISTRY OF TRANSPORTATION AND COMMUNICATIONS

The regional Information Systems Committee has developed a comprehensive population, housing and employment data base by urban blocks and rural concessions. The data are retrieved from the Ministry of Revenue Assessment Master

File and include 1976 statistics for Metro Toronto, Kitchener, Waterloo Haldimand-Norfolk and Peel Regional Municipalities.

(Blanche Ryan, 248-3766).

## FOCUS ON A STATISTICAL TOPIC

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### WAGES AND INCOME DISTRIBUTION

#### Ministry of Labour

#### 1975 Survey of Wages, Hours and Overtime Pay Provisions:

The Research Branch conducted its seventh annual survey of wages, hours of work and overtime pay in selected industries in 1975. The primary use of the data is in planning and analyzing employment standards programmes. The data collected pertains to the number of employees in individual establishments working on particular wage rates, weekly hours and

overtime arrangements. For each of these three categories, the survey makes available distributions of non-supervisory workers in the industry surveyed by sex, full and part-time work, economic regions, office and non-office employment, etc.

(Ian Welton,  
Research Branch, 965-6101).



## Survey of Wages and Working Conditions in the Construction Industry, the Services to Buildings and Dwellings and the Security Guards:

The Research Branch is conducting its third annual survey for the construction industry and the first for services to buildings and dwellings and for security guards. The data collected are on employees, wages, hours of work, overtime pay provisions and union status by occupation (trade). The information

is used to establish appropriate wage and overtime standards under the Fair Wage and Industrial Standards schedules.

(Ralph Locke,  
Research Branch, 965-6101).

## Ministry of Treasury, Economics and Intergovernmental Affairs

### An Interprovincial Comparison of Income Security, Health Care, Tax Credit and Related Programs:

Most social assistance programs are directed to specific target groups; the elderly, the disabled, the unemployed, etc. The working poor family is too often ignored. Premium assistance for health care and the Ontario Tax Credit System are directed at all low income families no matter what their reason for poverty or their major source of income. This report presents details of some

social assistance programs, of the provision of health care and of the Tax Credit System in Ontario. It also provides information on comparable programs in other provinces.

This report was originally prepared in 1975 and is currently being updated.

(Tom Sweeting,  
Taxation and Fiscal Policy Branch,  
965-6869).

## Census of Population and Housing, 1971 - Income Data:

Data Management Unit of Central Statistical Services retains on microfilm preplanned tables from the 1971 Census of Population and Housing which include Income Data.

Individual, family and household Income Data are available for a number of variables such as sex,

age, marital status, schooling, occupation, industry, etc., which are not available in publications.

Data can be provided on hard-copy, microfilm or machine readable form.

(Alex Kunachowicz,  
Central Statistical Services, 965-4575).

## MEETINGS, CONFERENCES

The Research Branch, Ministry of Labour, presented the following paper at Canadian Association of Administrators of Labour Legis-

lation (CAALL) meeting, May 2-4, 1977:

"The Effects of Anti-Inflation Policy on Collective Bargaining Negotiations and Settlements in Ontario".

## ORGANIZATIONAL AND STAFF CHANGES

Joan St. Rose-Haynes succeeds Dr. J.A. Keddy as Chief Statistical Officer, Information Systems and Records Branch, Ministry of Education.

Mrs. Vicky Earle has left the Ministry of Colleges and Universities to join the Ministry of Health.

As part of a reorganization of the Research Branch, Ministry of Labour, a statistical unit was formed in January, 1977. The appointments were:

Mr. R. Martin, Survey Co-ordinator  
Ms. C. Mak, Systems Co-ordinator

Both report to Ms. H.F. Stevenson, Chief Research Officer - Statistics.





## PUBLICATIONS

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*Credit Union Quarterly Statistical Bulletin, Vol. VIII. No. 4, Ministry of Treasury, Economics and Intergovernmental Affairs, May, 1977.*

This bulletin presents financial and other data for all active credit unions and caisses populaires in Ontario, by type and asset-size, as at December 31, 1976. Included are: consolidated balance sheet, operating statement, selected averages, number of credit unions and membership and an analytical review over the last five years of a selected topic (growth of assets from 1972 to 1976).

(Mr. A.W. MacKinnon, Central Statistical Services, 965-3792).

*Hours, Wages and Related Payments in the Ontario Construction Industry, 1977, Ministry of Labour, March 1977, pp. 181.*

The Research Branch published its eighth annual report on basic wage rates and fringe benefits established by collective agreements in the construction industry. The data show negotiated wage rates, vacation pay, employee contributions to health and welfare, pensions and SUB plans, hours of work, overtime payments, shift premiums, work breaks and reporting pay practices in the Ontario construction industry.

(Len Haywood, Research Branch, 965-6101).

*Collective Bargaining Settlement in Ontario, Ministry of Labour, March 1977, pp. 76.*

Since 1969, the Research Branch has published jointly with Labour Canada a monthly report of summaries of collective bargaining settlements covering 200 or more Ontario employees. The report describes changes in wages, fringe benefits and working conditions in recently-negotiated settlements.

(Ian Welton, Research Branch, 965-6101).

*Wage Developments in Collective Bargaining Settlements in Ontario: 4th Quarter, 1976, Ministry of Labour, March 1977, pp. 16.*

Since 1971, the Research Branch has provided information quarterly on changes in base wage rates established by collective bargaining settlements covering 200 employees or more. The report reveals the number of employees affected by settlements, the average annual per cent and cents per hour increases for these agreements; it also indicates agreements with cost-of-living clauses and those without such clauses.

(Ian Welton, Research Branch - 965-6101).



*Ontario Population Trends: A review of Implications*, Ministry of Treasury,  
Economics and Intergovernmental Affairs, December 1976.

This report provides an analysis of the trends indicated by the preliminary census population counts in Ontario, and includes an evaluation of the projections and estimates which we have been using within the Ontario Government for budget purposes. It gives an indication of where growth rates have been smaller than was anticipated and where there have been some unexpected small increases.

(R. Kogler, Central Statistical Services, 965-2217).

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9th Floor, 56 Wellesley St. West, Toronto, Telephone (416) 965-4575.

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Ministry of Treasury  
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The Honourable W. Darcy McKeough  
minister  
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deputy minister

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# ONSTAT NEWS

CENTRAL STATISTICAL SERVICES SUMMER /77

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VOL 3., NO. 2

ACTIVITY

## CENTRAL STATISTICAL SERVICES

### Social Indicators for Ontario, 1977

The report of the interministerial work group on Social Indicators has been completed and released. The work group under the Statistical Data Users' Committee designed and prepared a first edition of this handbook of social indicators for Ontario with the technical assistance of Central Statistical Services.

It compares Ontario data with information from Canada, Italy, Sweden, the United Kingdom and the United States. Comparisons are also made among Ontario's regions and between

the province as a whole and its regions.

The social statistics presented can be used as a base for comparisons and projections in such general areas as: government spending; consumer expenditures; personal income; participation in the labour force; work, earnings and leisure time; and in specific areas such as housing starts; pollution indices and the number of juvenile offences which have been committed.

(Mr. E.P. McCoy,  
Central Statistical Services 965-4575).

### Consulting and Technical Advise

The goal of the Statistical Surveys, and Methodology Group in Central Statistical Services is to provide various Branches in the Ontario Government with a complete range of survey research and data analysis facilities. This group provides specialized consultations in survey design, sampling by probability methods, execution of field work, coding, keypunching and transfer of data onto cards or computer tape. In addition, the group can provide consulting services in choice of appropriate statistical

computer programs and program modification when necessary as well as a full range of services in statistical data analysis.

Early consultations with this group should permit researchers, planners, policy developers and information specialists to develop the project in the Branch in such a way that the data will be analyzed quickly and easily.

(S.N. Sharma,  
Central Statistical Services 965-3792).

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## Demographic Studies

As a result of recommendations of the Inter-Ministerial Committee on Population Projections data has been developed on inter-provincial migration flows from the Family Allowance Data and Motor Vehicle Driver's License change of address information. The results of this are being published monthly in the

Demographic Bulletin. Preliminary data from the drivers file has been developed on intra-provincial moves between counties on a sample basis.

(Mr. R. Dalal,  
Central Statistical Services 965-2217).

## Development of Data Base

Data Management Unit is in the initial stage of creating a data base from the annual Census of Manufactures, Census of Mines and Census of Forestry, by major industrial variables at provincial and sub-provincial levels. This information will be available in machine readable form to Agencies

and Ministries with direct access to the ANSSIR System at DATAline.

It is anticipated that more details of this capability will appear in subsequent editions of ONSTAT News.

(Mr. L.A. Cornwall,  
Central Statistical Services 965-7078).

## MINISTRY OF AGRICULTURE AND FOOD

Information Survey for the Affirmative Action Program.

The Ministry is carrying out an Information Survey to measure employee attitudes towards affirmative action.

All 1,600 OMAF employees have been sent this survey; 1,100 have been

returned. Survey seeks to identify barriers or rules preventing employees from reaching their job potential; solicits attitudes towards staff development, job classification and selection or promotion procedures.

(Mrs. Mary Bruce,  
Programs Co-ordination Secretariat,  
965-7571).

## FOCUS ON A STATISTICAL TOPIC

### ENERGY

#### Ministry of Treasury, Economics and Intergovernmental Affairs

#### Consumption of Fuel and Electricity by Ontario Manufacturing Industries Report for 1974

This 100-page summary, "Consumption of Fuel and Electricity by Ontario Manufacturing Industries, Report for 1974", released by Central Statistical Services, gives an extensive range of data on energy consumption by the 20 major groups of manufacturing industries in Ontario and the 112 industry groups that comprise them.

The twelve page introduction includes comparative data on Ontario's major energy sources -- electricity, natural gas, gasoline, coal and other. It lists the leading energy

-intensive industries, the large energy users, and the proportion of their consumption of total energy -- and of principal types of energy -- in relation to all manufacturing. A new table in the introduction gives the breakdown, for selected large users, between light and heavy fuel oil. A new chart added shows the relation of total value of energy consumed to value added for each major industry group.

The statistics are Ontario-wide, but regional breakdowns on energy use can be derived by combining this publication with Statistics Canada's Manufacturing Industries in Canada: Geographical Distribution.

(E.R. Smith,  
Central Statistical Services 965-7078).



## Ministry of Transportation and Communications

A major study is being conducted of "Ontario's Transportation Energy Future", with sixteen sub-studies in the areas of (1) reduction of petroleum consumption for transportation, (2) encouraging less energy - consumptive lifestyles and locational patterns and (3) developing essentially inexhaustible energy forms in the transportation sub-sector.

This is a joint study of MOE (Energy) and MTC with participation by TEIA,

MOH, consultants, and other levels of government on individual sub-studies. A series of reports, demonstration projections, opportunities analyses, and programs have been approved by Cabinet and over the next eighteen months.

(D. Nitkin, Planning and Development Division, 248-3766).

## INTERMINISTERIAL STATISTICAL COMMITTEE

At its regular meeting on September 12, 1977 the Ontario Statistical Data Users' Committee reviewed its objectives, and the name under which it has been functioning for the last few years. The following name and objective were approved.

The objective of the Interministerial Statistical Committee is to obtain Ministry inputs regarding needs and priorities in the area of statistics, to consider and advise the Central Statistical Services, Ministry of Treasury, Economics and Intergovernmental Affairs, as to how such needs can be responded to from a Provincial viewpoint, and to disseminate throughout the Provincial Government information on statistical matters.

The committee members comprise representatives from some twenty ministries of the Ontario Government. There is also provision for other statistical users to benefit or have input to the committee.

The following is a listing of the committee representatives:  
Ministry of Natural Resources,  
Mr. L.R. Lamothe 965-6371  
Ministry of Solicitor,  
Mr. G.A. Krishna 965-5126

Ministry of Agriculture and Food,  
Mr. Fred Wind 965-1064  
Ministry of Correctional Services,  
Dr. J.J. Hug 965-5975  
Civil Service Commission,  
Mr. Tony Jennings 965-1463  
Ministry of Culture and Recreation,  
Mrs. L.K. Pesando 965-4462  
Ministry of Education,  
Mrs. J. St.Rose-Haynes 965-2636  
Ministry of Energy,  
Mr. John W. Newton 965-0530  
Ministry of the Environment,  
Dr. Jack Doonan 965-4139  
Ministry of Colleges & Universities,  
Dr. T. Duff 965-5477  
Ministry of Community & Social Services,  
Mr. Y. Torii 965-5088  
Ministry of Consumer & Commerical Relations,  
Mr. John Hay, 965-0494  
Ministry of Government Services,  
Mrs. Z.R. Patterson 965-3423  
Ministry of Health,  
Dr. J.R. Smiley 965-8000  
Ministry of Housing,  
Mr. Ron Binsell 965-7025  
Ministry of Industry and Tourism,  
Mr. M. Karasek 965-4347  
Ministry of Labour,  
Mrs. Hsioh-fan Stevenson 965-6101  
The Management Board of Cabinet,  
Mr. Bernie Webber 965-3681  
Ministry of Revenue,  
Mr. Jim Stark 965-3305  
Ministry of Transporation & Communications,  
Mr. David Nitkin 965-3066





## MEETINGS

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American Statistical Association,  
"Measuring the Quality of Censuses."  
A presentation by G. Brackstone, Director,  
Census Survey Methods Staff,

Statistics Canada. November 3,  
luncheon meeting. For information  
call:  
S. Sharma, 965-3792.

## ORGANIZATIONAL AND STAFF CHANGES

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Mr. Vivian Wong replaces Mrs. V  
Earle as a Statistical Officer  
in the Data Systems Section,  
Ministry of Colleges and Universities. Mr. Doug MacDonald joins

the section as a Statistical Analyst

Mr. Mafat Patel has been promoted to  
Senior Statistical Analyst and  
Mr. Frank London to Statistical Officer.

## PUBLICATIONS

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*Social Indicators for Ontario, 1977*, Ministry of Treasury, Economics and  
Intergovernmental Affairs, September, 1977.

This first study on Social Indicators compares Ontario  
to six countries and to each of its regions in key areas  
such as health, education and justice.

(Mr. E.P. McCoy, Central Statistical Services, 965-4575).

*Consumption of Fuel and Electricity by Ontario Manufacturing Industries,  
Report for 1974*, Ministry of Treasury, Economics and Intergovernmental  
Affairs, September, 1977.

A 100-page summary, providing an extensive range of  
data on energy consumption by the 20 major groups of  
manufacturing industries in Ontario and the 112 industry  
groups that comprise them.

(E.R. Smith, Central Statistical Services, 965-7078).

Copies are available from Publications Centre,  
880 Bay Street, Toronto, Ontario Price \$3.00.

*Agricultural Statistics for Ontario, 1976*, Ministry of Agriculture and  
Food, August, 1977.

Includes annual summary of production, inventory, prices,  
income and expenditures in Ontario agriculture for 1976.

(F. Wind - Statistics Section, 965-1064).

*OHIP, Major Medical, Prescription and Dental Plans in Ontario, Collective  
Agreements*, Ministry of Labour, April, 1977.

Gives quick access to information on the medical plans  
in Ontario collective agreements. Quick reference tables  
give breakdowns by industry.

(Beth Kendall, Research Branch, 965-6886).



*Provincial Economic Accounts, Historical Series*, Ministry of Treasury, Economics and Intergovernmental Affairs, September, 1977.

The Historical Series contains quarterly figures for Gross Provincial Product, Gross Provincial Expenditures, Net Provincial Income, Personal Consumption Expenditure and other components of Provincial Income for the years 1947 - 1975.

(P. Fromstein, Central Statistical Services, 965-2217).

Copies are available from Publications Centre,  
880 Bay Street, Toronto, Ontario Price \$3.00.

*Correctional Services Case Files Pilot Study and Sample Plan*, Ministry of Treasury, Economics and Intergovernmental Affairs, September, 1977.

This study delineates the scientific procedure to help the Archives of Ontario decide what proportion of files or documents must be preserved permanently, and to assist their long-range planning for storage and retrieval facilities.

(S.N. Sharma, Central Statistical Services, 965-3792).

*Catalogue of Statistical Files in the Ontario Government*, Ministry of Treasury, Economics and Intergovernmental Affairs, September, 1977.

Statistical files from all Ministries are listed and cross referenced for quick and easy search by use of an index and simple coding system. Copies are available for use within the Ontario Government.

(J. DePoe, Central Statistical Services, 965-4575).



Ontario

Ministry of Treasury  
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CENTRAL STATISTICAL SERVICES WINTER 1977

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VOL. 4 NO. 1

## ACTIVITY

### CENTRAL STATISTICAL SERVICES

#### 1976 Census of Population and Households

In addition to the 1976 Census data on population now available in published Statistics Canada catalogues, Central Statistical Services has received further breakdowns of variables as follows:

- Population by single years of age and by five-year age groups by sex
- Population by mother tongue by sex
- Population by marital status by age, by sex

The above data are available by province and by county.

Population counts are also available at subdivision and enumeration area levels.

(Alex Kunachowicz,  
Central Statistical Services, 965-7078).

#### Ontario Population Projections

Population Projections are available to all "Dataline" users as of December 1, on SYSTEM 4.

The following data will be available on an interactive basis:

- \* Population breakdown by:
  1. Province
  2. County
  3. Age
  4. Sex
  5. 1971 - 2001
  6. % and totals.

The projections are available by using the following command at monitor level:  
. use POPROJ

A data tape must be mounted prior to retrieving this data due to the large amount of data.

- mount M127

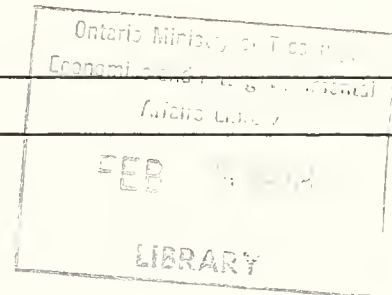
Please note that this data is the official population projection as used by the Ontario Government. Further data is also available from Ontario Central Statistical Services.

(Mr. C. Tappenden,  
Central Statistical Services, 965-2217).

#### Statistical Advisory Services

The Surveys and Advisory Group is providing services to various ministries in the application of statistical methodology in planning, research and policy development projects. The specialized services include:

- sampling
- forecasting
- estimation procedures
- model building
- general survey methodology (including collection of data, coding, editing and analysis).







Presently, this group is providing services to the ministries of TEIGA, Community and Social Services, Culture and Recreation, Agriculture and Food, Correctional Services, Health, Justice Development Policy Field, Civil Service Commission and Management Board. Some of the projects for these ministries are of a sensitive nature and are being directly conducted for policy making purposes.

Early consultations with this group will permit researchers, planners, administrators and policy makers to develop the projects in such a way that data can be analyzed quickly, efficiently, and with minimum cost.

(S.N. Sharma,  
Central Statistical Services, 965-3792).

## MINISTRY OF AGRICULTURE AND FOOD

### Survey on Pesticide Use in Agriculture

This survey is to be carried out during summer and fall of 1978. Input will be from several branches of OMAF, other provincial and federal ministries and private industries. It is a repeat of

the 1973 Survey.

(Nick Roller,  
Economics Branch, 965-1064).

### 4-H Survey

Survey is being conducted of 4-H Home Economics Club Leaders and of Senior Program Participants to discover base of 4-H Leadership and Participation and to identify future needs of 4-H

programs.

(Fred Wind,  
Economics Branch, 965-1064).

## MINISTRY OF TRANSPORTATION AND COMMUNICATIONS

### Census Data Bank - Feasibility Study

To determine the feasibility of establishing a time series Census Data Bank to be used for transportation planning purposes. This bank would provide selected current and historical socio-economic and transportation related data from the Census. Data would be available

for municipalities greater than 5,000 in Ontario at the Census tract or municipal level of aggregation.

(Mr. N. Turner, Planning and  
Development Branch, 248-3766).

### Vehicle Registration File - Feasibility Study

To determine the feasibility of generating annual vehicle registration data. The following data would be available from this file; number of vehicles by type, age, manufacturer or manufacturing county, make, body style, and gross vehicle weight (for trucks); number of cars per household and number of cars

per owner. This data would be available at Census tract, municipal, county or regional level of aggregation.

(Mr. Victor Eka, Planning and  
Development Branch, 248-3766).



## FOCUS ON A STATISTICAL TOPIC

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### TRANSPORTATION STATISTICS

#### Ministry of Transportation and Communications

As the Ministry responsible for transportation in Ontario, the MTC administers and uses a great number of files containing data about transportation and related activities. Basically they can be divided into three types:

- 1) Data files used in planning transportation facilities and programs such as origin-destination data, socio-economic, land use, environmental and engineering data;
- 2) Files used and generated in transportation related research activities such as seat belt usage statistics, "GEOCRES" (Geotechnical Cross Reference and Retrieval System) and attitudes towards transit; and

- 3) Files generated in monitoring transportation programmes or required for administration of transportation activities in the Province such as drivers and vehicles files, financial subsidy statistics or highway inventory data.

An up to date comprehensive list of transportation planning data collected by the MTC is available by subject and by geographical area.

In addition an annual report of research activities undertaken by this Ministry is available from the Research and Development Division.

(Mr. L. Smith, Urban & Regional Transportation Planning Office, 5th Floor, West Tower, Downsview, 248-3766).

## INTERMINISTERIAL STATISTICAL COMMITTEE

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The following is an amended listing of the members of the Interministerial Statistical Committee:

Mr. Fred Wind,  
Ministry of Agriculture and Food  
Mr. Roy Wilkinson,  
Ministry of Attorney General  
Dr. J. J. Hug,  
Ministry of Correctional Services  
Mr. Tony Jennings,  
Civil Service Commission  
Mrs. L. K. Pesando,  
Ministry of Culture and Recreation  
Dr. T. Duff,  
Ministry of Colleges and Universities  
Mr. Y. Torii,  
Ministry of Community & Social Services  
Mr. John Hay,  
Ministry of Consumer & Comm. Relations  
Mr. C.J. Grimes,  
Ministry of Government Services  
Dr. J.R. Smiley,  
Ministry of Health

Mr. Ron Binsell,  
Ministry of Housing  
Mr. Ed. H. Chang,  
Ministry of Industry and Tourism  
Mrs. J. St-Rose Haynes,  
Ministry of Education  
Mr. John W. Newton,  
Ministry of Energy  
Dr. Jack Donnan,  
Ministry of the Environment  
Mrs. Hsioh-fan Stevenson,  
Ministry of Labour  
Mr. Bernie Webber,  
Management Board of Cabinet  
Mr. L. Lamothe,  
Ministry of Natural Resources  
Mrs. J. MacDonald-White,  
Ministry of Revenue  
Mr. G.A. Krishna,  
Ministry of Solicitor General  
Mr. David Nitkin,  
Ministry of Transportation and  
Communications





## MEETINGS

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American Statistical Association,  
Southern Ontario Chapter, February 15,  
at 4-6 p.m. in Room 3163, Medical  
Sciences Building, University of  
Toronto. Speaker - Dr. A.R.G. Owen,  
Associate Professor, Department of  
Preventive Medicine and Biostatistics,  
University of Toronto.

Topic: Biostatistical approach to the  
psychology of anomalous experience,

and other related subjects.

Future meeting: Dr. Igor Kusyszyn is  
going to talk to us on Wednesday,  
March 15th, on how he and his  
students made a half a million dollars  
in gambling with the help of statistics.  
(For details call:

S.N. Sharma,  
Central Statistical Services, 965-3792).

## STAFF CHANGES

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Ms. Marilyn Wang, formerly of  
Central Statistical Services, has  
joined the Data Development Consulting  
Group in the Data Development and  
Evaluation Branch of the Ministry of  
Health.

Catherine J. Scott has joined the  
Information Resources Branch, of the

Ministry of Colleges and Universities,  
from: Special Surveys Co-ordination  
Division of Statistics Canada.

Mr. G.S. Swartz, Director, Research  
Branch, Ministry of Labour, effective  
December 5, 1977. Former Director  
Mr. M.L. Skolnik appointed Assistant  
Director, Ontario Institute for Studies  
in Education.

## PUBLICATIONS

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*Index of Ontario Government Statistics for Municipalities*, Ministry of Treasury,  
Economics and Intergovernmental Affairs, December, 1977.

Statistical files from all ministries are listed and cross  
referenced for quick and easy search by use of an index  
and simple coding system. Copies are available from  
Publications Centre, 880 Bay Street, Toronto, Ontario.  
Price \$2.00.

(S.N. Sharma, Central Statistical Services, 965-3792).

*Population, Ontario, Planning Regions and Counties 1972-1976*, Ministry of Treasury,  
Economics and Intergovernmental Affairs.

Copies are available from the Publications Centre, 880 Bay Street,  
Toronto, Ontario.

(C. Tappenden, Central Statistical Services, 965-2217).

*Demographic Bulletin*, Ministry of Treasury, Economics and Intergovernmental  
Affairs.

A monthly bulletin giving the latest information on  
Ontario population, vital statistics and migration  
together with a brief analysis of a selected factor  
of demographic change.

Subscriptions are available from the Publications  
Centre, 880 Bay Street, Toronto, Ontario. Price \$4.00/annum.

(C. Tappenden, Central Statistical Services, 965-2217).



*Ontario Economic Accounts, Quarterly Bulletin.* Ministry of Treasury, Economics and Intergovernmental Affairs.

Provides a quarterly estimate of G.P.P. for Ontario on a current basis.

Subscriptions are available from the Publications Centre, 880 Bay Street, Toronto, Ontario. Price \$2.00/annum.

(P. Fromstein, Central Statistical Services, 965-2217).

*Criminal Justice Statistics in Ontario, Provincial Secretariat for Justice, October 1977.*

This publication is a first attempt to provide comprehensive statistical reference material for the Justice Policy Field.

(G.A. Krishna, Planning and Evaluation Branch, 965-5126).

*Ontario Exports by Countries and Commodities 1976,* Ministry of Industry and Tourism, October 1977.

A 24-page summary of Ontario exports including charts and tables.

(E.H. Chang, Industry and Trade Analysis Branch, 965-4347).

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*ONSTAT NEWS* is prepared and edited quarterly by Central Statistical Services, For additional information, contact: Janice DePoe, Central Statistical Services, 9th Floor, 56 Wellesley St. West, Toronto, Telephone (416) 965-4575.

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Ministry of Treasury  
Economics and  
Intergovernmental  
Affairs

The Honourable W. Darcy McKeough  
minister  
A. Rendall Dick  
deputy minister





Ontario

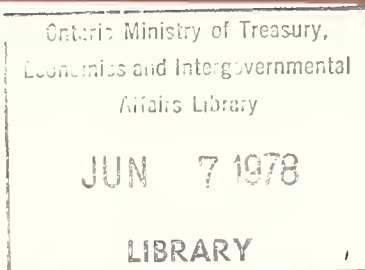
# ONSTAT NEWS

CENTRAL STATISTICAL SERVICES

SPRING / 78

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VOL. 4, NO. 2



## ACTIVITY

### CENTRAL STATISTICAL SERVICES

#### Statistical Advisory Services

The Surveys and Advisory Group is providing services to various ministries in the application of statistical methodology in planning, research and policy development projects. The specialized services include:

- sampling
- forecasting
- estimation procedures
- model building
- general survey methodology (including collection of data, coding, editing and analysis).

Recently this group has completed the following projects and tasks:

- Designing of sample survey of Pesticide use in Agriculture. The survey is conducted by the Ministry of Agriculture and Food.

- Conducted sample survey for the Ministry of Community and Social Services to meet planning and policy needs.
- Comparisons and trends for Affirmative Action Program for TEIGA.
- Coding, editing and analysis tasks for various ministries.

In addition several projects are underway with several ministries and agencies. All these projects are on cost recovery basis.

Early consultations with this group will permit researchers, planners, administrators and policy makers to develop the projects in such a way that data can be analyzed quickly, efficiently, and with minimum cost.

(S. N. Sharma,  
Central Statistical Services, 965-3792)

#### 1976 Census of Population and Households

The 1976 Census publications series has been divided into 2 lists.

The 'A' list includes the basic publications showing the distribution of variables by geographical levels most often requested. The following volumes make up the 'A' list:

Volume 1: Geographic Distribution

Volume 2: Population-Demographic Characteristics

Volume 3: Housing and Households

Volume 4: Families

Volume 5: Labour Force Activity

Volume 6: Census Tracts

Volume 7: Provincial Census Tracts

The 'B' list publications show finer breakdowns of variables and/or other





geographical distribution. The following volumes make up the 'B' list:

- Volume 8: Supplementary Reports on Geographic and Demographic Characteristics
- Volume 9: Supplementary Reports on Households and Families
- Volume 10: Supplementary Reports on Labour Force Activity

Many of the publications have already been released. All E. A. Reference Lists are now available. Preparation

of both the Catalogue and the Dictionary of Terms is under way.

Detailed data pertaining to demographic, housing, household, family and economic characteristics is available on both magnetic tape and microfiche. Pre-planned tabulations are available at the enumeration area, census tract and census subdivision levels. Tabulations are based upon 100% data (2A) and sample (2B) data.

(Miss Alex Kunachowicz, Central Statistical Services, 965-7078)

## MINISTRY OF TRANSPORTATION AND COMMUNICATIONS

### Data Collection Directory

The spring revision to the Ministry of Transportation and Communications Data Collection Directory has now been

completed.

(Larry Smith, Urban and Regional Planning, 248-3796)

### Socio-Economic Data Base

A socio-economic data base for 1971 and 1976 using constant (1976) boundaries is being developed using custom tabulation for Statistics Canada. Coverage includes all of Ontario by planning

regions, counties/regions/districts, and all census subdivisions.

(Norm Turner, Urban and Regional Planning, 248-3766)

## FOCUS ON A STATISTICAL TOPIC

### UNEMPLOYMENT

#### Ministry of Labour

Based on Unemployment Insurance Commission claimant data, the Ontario Ministry of Labour, Research Branch, prepares quarterly reports on estimates of unemployed by age, sex, and major occupational groups for Ontario and for seven regions. The seven regions are derived from the 38 UIC district offices and were developed to correspond as closely as possible to the ten CMC management regions for which job vacancy data are available. Where

possible, unemployment rates are also calculated. Data on claimants from the Unemployment Insurance Commission were obtained through an agreement with the Ontario Ministry of Community and Social Services. The reports on unemployment are highly confidential and given only limited dissemination within the Ontario Government.

(Mrs. H. Stevenson, Research Branch, 965-6886)

#### Ministry of Industry and Tourism

The Ministry of Industry and Tourism monitors the unemployment statistics closely as they are considered a general indicator of the economic well-being of the province. Developing

methods to reduce Ontario unemployment is an important aspect of this Ministry's policy considerations.

(E. Chang, Industry and Trade Analysis, 965-4347)



## FEDERAL-PROVINCIAL DEVELOPMENTS

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### 1981 Census of Agriculture

Ontario hosted a special meeting of the Federal-Provincial Committee on Agricultural Statistics, dealing with the 1981 Census of Agriculture. On April 24 the provincial delegates met to hammer out a common position which was presented to the Census of Agriculture Division

of Statistics Canada (April 25) within the framework of the Federal-Provincial Committee on Agricultural Statistics.

(Fred Wind and Nick Roller, Economics Branch, 965-1064)

### 1986 Census of Agriculture

A working group has been established to research "The Advantages and Disadvantages of a Regionally Oriented Census (of Agriculture in 1986)". Members of the group have been drawn from: New Brunswick, Ontario (convener), Alberta, and Census of Agriculture Division,

Statistics Canada. A progress report will be presented at the March 1979 meeting of the Federal-Provincial Committee on Agricultural Statistics.

(Fred Wind, Economics Branch, 965-1064)

## PUBLICATIONS

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*Ontario Statistics, 1977*, Ministry of Treasury, Economics and Intergovernmental Affairs, February, 1978, 650 pp.

This two-volume publication, containing statistics covering the major aspects of the social, economic and financial life of Ontario, is available from Publications Centre, 880 Bay Street, Toronto, Ontario, at a charge of \$9.75 per set.

(Mr. E. R. Smith, Central Statistical Services, 965-7078)

*Index of Statistical Files in the Ontario Government, 1977*, Ministry of Treasury, Economics and Intergovernmental Affairs, February, 1978.

Statistical files--those that can be legitimately made available to users outside the government from all ministries --are listed and cross-referenced for quick and easy search by use of an index and simple coding system.

Copies available from Publications Centre, 880 Bay Street, Toronto, Ontario. Price: \$3.00

(Mr. E. R. Smith, Central Statistical Services, 965-7078)

*Demographic Bulletin*, Ministry of Treasury, Economics and Intergovernmental Affairs.

A monthly bulletin giving the latest information on Ontario population, vital statistics and migration together with a brief analysis of a selected factor of demographic change.

Subscriptions are available from Central Statistical Services. Price: \$4.00 per annum, prepayment required.

(Mr. C. Tappenden, Central Statistical Services, 965-2217)





*Ontario Economic Accounts*, Quarterly Bulletin, Ministry of Treasury, Economics and Intergovernmental Affairs.

Provides a quarterly estimate of G.P.P. for Ontario on a current basis.

Subscriptions are available from Central Statistical Services.  
Price: \$2.00 per annum, prepayment required.

(Mrs. P. Fromstein, Central Statistical Services, 965-2217)

*Monthly Dairy Report*, Annual Summary 1977, Ministry of Agriculture and Food, April 1978.

Contains Ontario Dairy Statistics

(Mr. F. Wind, Economics Branch, 965-1064)

*Seasonal Fruit and Vegetable Report*, Annual Summary 1977, Ministry of Agriculture and Food, May 1978.

Contains Ontario Fruit and Vegetable Statistics.

(Mr. N. Roller, Economics Branch, 965-1064)

*Consumption of Fuel and Electricity by Ontario Manufacturing Industries, Report for 1975*, Ministry of Treasury, Economics and Intergovernmental Affairs, March, 1978.

A 100-page summary, providing an extensive range of data on energy consumption by the 20 major groups of manufacturing industries in Ontario and the 112 industry groups that comprise them.

Copies are available from Publications Centre, 880 Bay Street, Toronto, Ontario. Price: \$3.50.

(Mr. F. Hylands, Central Statistical Services, 965-7078)

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Ontario

Ministry of Treasury  
Economics and  
Intergovernmental  
Affairs

The Honourable W. Darcy McKeough  
minister  
A. Rendall Dick  
deputy minister



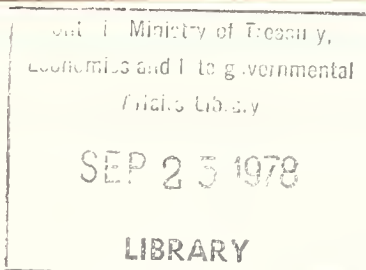


Ontario

# ONSTAT NEWS

CENTRAL STATISTICAL SERVICES SUMMER / 78

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VOL.4 NO.3

## ACTIVITY

### CENTRAL STATISTICAL SERVICES

#### Statistical Advisory Services

The Surveys and Advisory Services group is conducting and analyzing surveys for various ministries for their planning and policy matters. Presently this group is working on the following surveys:

- survey to identify health needs of the elderly in Kenora - Rainy River Districts
- survey to identify social, housing and health needs of the elderly in Renfrew District
- analysis of 4-H surveys conducted by the Ministry of Agriculture and Food. Survey data are analyzed to discover base of 4-H leadership and

participation and to identify future needs of 4-H.

In addition the Advisory Services group is providing services in the application of Statistical Methodology in various planning, research and policy development projects. Early consultations with this group will permit various ministries to develop projects in such a way that data can be analyzed quickly, efficiently and with minimum cost.

(S. N. Sharma, Central Statistical Services, 965-3792)

### MINISTRY OF TRANSPORTATION AND COMMUNICATIONS

#### Employment Data Set

The objective of this activity is to establish an employment data bank for transportation planning purposes for Ontario.

It is intended that the employment data bank will contain base year employment

data, including several sub-categories of employment, on a traffic zone basis for the entire Province. (Study design being prepared and sources contacted.)

(Pentti Suokas, Land Use Analysis Group, 248-3766)

#### Vehicle Registration Data Set

The objective of this activity is to establish a vehicle registration time series data bank for Ontario.

The vehicle registration data bank will contain time series data on vehicle

registrations in the Province for transportation planning purposes. (Study design being prepared.)

(Colin Dobson, Land Use Analysis Group, 248-3766)



## MINISTRY OF HOUSING

1978 Rent Survey has been developed to generate data on rent levels and rates of change in rents for selected urban areas to assist with deliberations with respect to Rent Review.

A telephone sample survey of renters will be conducted in September in eight Ontario cities: Toronto, London, Hamilton, Ottawa, Kingston, Sault Ste.

Marie, Thunder Bay and Sudbury. Data is to be collected on September 1978 rents, rent increases, dwelling units and socio-demographics. Also included are tenant perceptions of quality of services and maintenance. The survey will be a replication of one conducted in September 1977.

(N. Kahan, Policy and Program Development Section, 965-7025)

## FOCUS ON A STATISTICAL TOPIC

### POPULATION STATISTICS

#### Central Statistical Services

The Social and Economic Data Unit constantly monitors demographic trends in Ontario, Canada and the rest of the world. The findings of studies conducted are regularly reported in the Monthly Demographic Bulletin - a vehicle designed to present the current demographic trends in Ontario and Canada. Topics of current interest in the demographic area are also discussed in the bulletin.

The Unit constantly keeps track of Ontario's population at provincial and sub-provincial levels. These estimates

are revised yearly.

Projections are developed every five years to meet the planning needs of the Ontario Government Ministries and agencies. New projections will be available later this year.

In addition to the above, the Unit undertakes special research projects on assignments for various government agencies. Some of these services are provided on a fee for service basis.

(R. Kogler, Central Statistical Services, 965-2217)

#### Ministry of Agriculture and Food

This Ministry publishes rural and farm population statistics by county for

census years only.

(F. Wind, Economics Branch, 965-1064)

#### Ministry of Transportation and Communications

Population statistics are used in the following ways:

- a) as a major part of the Census Data Bank now being established;
- b) existing and projected population data for small geographical areas of the Province are used for transportation modelling and planning purposes; and

- c) existing and projected data on age, sex, labour force and geographical distribution of population are used every year to advise senior management on issues and trends prior to the formulation of a five year strategic policy for the Ministry.

(D. Nitken, Land Use Analysis Group, 248-3766)





## PUBLICATIONS

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*Demographic Bulletin*, Ministry of Treasury and Economics.

A monthly bulletin giving the latest information on Ontario population, vital statistics and migration together with a brief analysis of a selected factor of demographic change.

Subscriptions are available from Central Statistical Services.  
Price: \$4.00 per annum, prepayment required.

(Mr. C. Tappenden, Central Statistical Services, 965-2217)

*Ontario Economic Accounts, Quarterly Bulletin*, Ministry of Treasury and Economics.

Provides a quarterly estimate of G.P.P. for Ontario on a current basis.

Subscriptions are available from Central Statistical Services.  
Price: \$2.00 per annum, prepayment required.

(Mrs. P. Fromstein, Central Statistical Services, 965-2217)

*Trends, Forecasts, and Outlooks: Urban and Regional Development Issues Arising from Demographic Patterns, Economic Activities and Institutional Planning Roles*, Ministry of Transportation and Communications, October 1977.

Paper prepared as input into the Positions and Prospect Paper of the Strategic Policy Committee, MTC. The report evaluates demographic and economic trends and changes in institutional roles for the purpose of identifying issues relevant to MTC planning.

(V. Eka, Urban and Regional Transportation Planning Office, 248-3766).

*Agricultural Statistics for Ontario, 1977*, Ministry of Agriculture and Food, July 1977.

Report includes agricultural production and inventory statistics, mainly at county level.

(F. Wind, Economics Branch, 965-1064)

*Ontario Economic Accounts, Quarterly Time Series*, Ministry of Treasury and Economics, July 1978.

The "Series" contain quarterly figures for Gross Provincial Product, Gross Provincial Expenditures, Net Provincial Income, Personal Consumption Expenditure and other components of Provincial Income for the years 1970-1976.

Copies are available from Publications Centre, 880 Bay Street, Toronto, Ontario.  
Price: \$2.50

(Mrs. P. Fromstein, Central Statistical Services, 965-2217)



*Ontario: 1977 Population Estimates by Five-Year Age Groups and Sex for Counties, Planning Regions and Centres of 10,000 Population and Over, Ministry of Treasury and Economics.*

Copies are available from Publications Centre, 880 Bay Street,  
Toronto, Ontario.

Price: \$2.00

(R. Kogler, Central Statistical Services, 965-2217)

The following is a list of publications released August 1978 by the Ministry of Labour:

*Education Statistics Ontario, 1977*

*Enrolment by Subjects and Guidelines*

*Public School Enrolment by School Within Board, Within County,  
Within Education Region*

*Roman Catholic Separate School Enrolment by School Within  
Board, Within County, Within Education Region*

*Secondary School Enrolment by School Within Board, Within  
County, Within Education Region*

*Enrolment and Staff Ratios, 1977*

*Scheduling Patterns in Secondary Schools, 1977*

*Ontario Elementary & Secondary School Enrolment Projections,  
1978 to 1987*

(For more information contact H. Stevenson, Research Branch,  
965-6101)

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9th Floor, 56 Wellesley St. West, Toronto, Telephone (416) 965-4575.

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Ministry of  
Treasury and  
Economics

The Honourable Frank S. Miller  
minister  
A. Rendall Dick  
deputy minister





Ontario

# ONSTAT NEWS

CENTRAL STATISTICAL SERVICES SUMMER / 78

## ADDENDUM TO SUMMER ISSUE

MEETING: American Statistical Association - Southern Ontario Chapter  
Wednesday, October 11 - Sutton Place  
12:00 noon  
A luncheon meeting featuring Dr. P. Kirkham, Chief Statistician,  
Statistics Canada  
  
(For information or reservations, call S. N. Sharma, 965-3792  
or R. N. Dalal, 965-7078)

CORRECTION: Re - page 4 of SUMMER ISSUE, second item should read:

The following is a list of publications released August 1978 by  
the Ministry of Education:

*Education Statistics Ontario, 1977*

*Enrolment by Subjects and Guidelines*

*Public School Enrolment by School Within Board, Within County,  
Within Education Region*

*Roman Catholic Separate School Enrolment by School Within  
Board, Within County, Within Education Region*

*Secondary School Enrolment by School Within Board, Within  
County, Within Education Region*

*Enrolment and Staff Ratios, 1977*

*Scheduling Patterns in Secondary Schools, 1977*

*Ontario Elementary & Secondary School Enrolment Projections,  
1978 to 1987*

(For more information, contact Joan St. Rose Haynes, Statistics  
Section, 965-2636)

Apologies are extended for any inconvenience caused by the misprint.







# ONSTAT NEWS

## CENTRAL STATISTICAL SERVICES

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VOL. 4 NO. 4

DECEMBER, 1978

### ACTIVITY

#### CENTRAL STATISTICAL SERVICES

##### Statistical Surveys and Advisory Services

The Surveys and Advisory Services Group is conducting surveys and analyzing data for various ministries for their planning and policy matters. Presently this group is working on the following projects:

- survey to identify health needs of the elderly in Renfrew County for the Ministry of Health
- survey of Student Enrolment in Municipal Administration Program for the Subsidies Branch, Ministry of Treasury and Economics
- analysis of Topical/Job Mart Reader-

ship Survey for the Civil Service Commission

- statistical analysis of Wastewater Pollution Control Plan data.

Early consultations with this group will permit ministries to develop projects in such a way that data can be analyzed quickly, efficiently and with minimum cost.

(S. N. Sharma, Central Statistical Services, 965-3792)

##### Population Data

1. Population Projections for Ontario and the counties have been revised on the basis of the 1976 Census data and the recent changes in fertility and migration trends.

These projections are now available on Dateline through the POPPROJ program. For further information call George Kozab, 964-9515 or C. Tappenden 965-2217.

2. Revised intercensal estimates are now available. "Ontario: Revised Population Estimates by Five-year Age Groups and Sex for Counties and Planning Regions, 1971-1976", September 1978. Available at the Queen's Park Book Store, 880 Bay Street.

3. Vital Statistics. The Economic and Social Data Unit of CSS have statistical data files of Ontario vital statistics from the Registrar General's Office for the years 1951 to 1976. Special tabulations can be provided on a charge basis.

For births - By residence of Mother  
Age of Mother  
Sex of Baby  
Order of Birth, etc.

For Deaths - By Place of Residence  
Age and Sex  
Cause of Death  
Location of Death  
(in hospital)  
Etc.



For Marriages - Cross classifications  
of age of husband and  
wife  
Location

Specialized output data can be produced  
on a charge basis.

(R. Kogler or J. Singh, Central  
Statistical Services, 965-2217)

#### Census of Manufactures

A file representing the universe of  
establishments in the annual Census of  
Manufactures is available to requestors.  
Information that can be released is as  
follows:

- Name
- Address
- Industry Code
- Standard Geographical Location Code  
(County-Municipality)
- Establishment Code
- Employment Stratification Code (1971  
to 1975 available; 1976 is still  
pending)

Output can be generated in the form of  
mailing labels or as regular printouts  
in accordance with user specifications.  
Records can be selected according to  
market areas in Ontario and sorted in  
any specified sequence. Processing  
costs vary between \$20 and \$200 per  
list.

The 1976 REPORT ON CONSUMPTION OF FUEL  
AND ELECTRICITY BY ONTARIO MANUFACTUR-  
ING INDUSTRIES is expected for release  
in January, 1979.

(R. N. Dalal or A. F. Hylands, Central  
Statistical Services, 965-7078)

### FOCUS ON A STATISTICAL TOPIC\_\_\_\_\_

#### INFLATION

##### Ministry of Labour

The Working Conditions Group in the  
Research Branch has a continuing interest  
in inflation as part of the assessment  
process of employment standards and  
occupational health and safety legisla-  
tion. Changes in the cost of living is  
one of the main factors taken into  
consideration in analysis concerning the  
adequacy of the minimum wage. In addi-  
tion, the potential inflationary impact

of any new legislation, or change in  
existing legislation (including regula-  
tions), with regard to employment  
standards and occupational health or  
safety is evaluated in conjunction with  
other factors in making the required  
assessment of economic impact.

(A. Cornwall, Research Branch,  
965-6101)

### STAFF AND ORGANIZATIONAL CHANGES\_\_\_\_\_

Rodger Cummings is now Director of  
Information Resources Branch, Ministry

of Colleges and Universities.

### MEETINGS\_\_\_\_\_

Federal-Provincial Committee on Agri-  
cultural Statistics will be held March 6  
and 7, 1979.

(F. Wind, Economics Branch, Ministry  
of Agriculture and Food, 965-1064)



## PUBLICATIONS

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*Ontario Statistics, 1978*, Ministry of Treasury and Economics, December 1978.

A comprehensive reference handbook on economic and social activity in Ontario. Contains 603 pages of graphs, charts and tables on all aspects of social and economic conditions in Ontario. Now in one volume.

Copies available from the Ontario Government Bookstore,  
880 Bay Street, Toronto.  
Price: \$15.00

(Mr. E. Smith, Central Statistical Services, 965-7078)

*Demographic Bulletin*, Ministry of Treasury and Economics.

A monthly bulletin giving the latest information on Ontario population, vital statistics and migration together with a brief analysis of a selected factor of demographic change.

Subscriptions are available from Central Statistical Services.  
Price: \$6.00 per annum, prepayment required.

(Mr. C. Tappenden, Central Statistical Services, 965-2217)

*Ontario Economic Accounts*, Quarterly Bulletin, Ministry of Treasury and Economics.

Provides a quarterly estimate of G.P.P. for Ontario on a current basis.

Subscriptions are available from Central Statistical Services.  
Price: \$4.00 per annum, prepayment required.

(Mrs. P. Fromstein, Central Statistical Services, 965-2217)

*Ontario: Revised Population Estimates by Five-Year Age Groups and Sex for Counties and Planning Regions, 1971-1976*, Ministry of Treasury and Economics, September, 1978.

Available at Ontario Government Bookstore, 880 Bay Street,  
Toronto.  
Price: \$2.00

*Credit Union Quarterly Statistical Bulletin*, Vol. X, No. 1, Ministry of Treasury and Economics, October, 1978.

This bulletin shows a Comparative Statement of Operations as at December 31, 1971-1977. Also included are: value of assets and liabilities by type and size of credit union at March 31, 1978, distribution of income and expenses, selected statistical averages, and an index of change in selected financial items

(Mr. A. W. MacKinnon, Central Statistical Services, 965-3792)





*Part-time Student Enrolment Report*, Ministry of Colleges and Universities, November, 1978.

Includes summary statistics on part-time student population in post-secondary programs in Ontario Colleges and Universities for 1973-1977 inclusive.

(Information Resources Branch, 965-5477)

*Rental Market Survey in Eight Ontario Cities, October 1978*, Ministry of Housing.

Telephone sample survey in 8 Ontario cities: Metro Toronto, London, Hamilton, Ottawa, Kingston, Sault Ste. Marie, Sudbury and Thunder Bay. Socio-demographic data on renters, October 1978 rents paid, rent increases, dwelling unit description. Also included are tenant perceptions of quality of services and maintenance.

(Mr. Nizar Kahan, Policy and Program Development Secretariat, 965-7025)

*Housing Demand by Tenure in Ontario for the Period 1976 to 1981 - a new approach*, Ministry of Housing, to be released January, 1979.

The study describes the development and evaluation of a method of forecasting housing demand in the medium-term period (3-5 years). The technique is based on a unique application of regression analysis.

(T. Garrison and R. Stocking, P.P.D.S., Ministry of Housing, 965-7025)

Quarterly Economic Accounts data for Ontario is available on Dataline. Call George Kozab, Dataline, 964-9515 or Patrick Tam, Central Statistical Services 965-2217, for further particulars.

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*CNSTAT NEWS* is prepared and edited quarterly by Central Statistical Services. For additional information, contact: Janice DePoe, Central Statistical Services, 9th Floor, 56 Wellesley St. West, Toronto, Telephone (416) 965-4575.

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Ministry of  
Treasury and  
Economics

The Honourable Frank S. Miller  
minister  
A. Rendall Dick  
deputy minister





# ONSTAT NEWS

MINISTRY OF TREASURY, ECONOMICS & INTERGOVERNMENTAL AFFAIRS  
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CENTRAL STATISTICAL SERVICES

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VOL. 5 NO. 1

JUNE, 1979

## ACTIVITY

### CENTRAL STATISTICAL SERVICES

#### Census of Manufactures Establishment Description Information, 1970-1977

This file contains the universe of establishments in the annual Census of Manufactures. Records can be selected in terms of 63 or fewer variables according to geographic areas in Ontario. Most frequently used information is the following:

- Name, Address, Industry Code, Geographical Location, Multi-establishment Code, Employment Stratification Code (available 1971-1977)

These lists can be generated as mailing labels or as regular print-outs made to suit a format specified by the user. Selection of records can be made according to market areas in Ontario and sorted by selected variables in any specified sequence. Processing costs vary depending on the volume and complexity of a given request.

(R.N. Dalal or A.F. Hylands, Central Statistical Services, 965-7078)

#### Census of Manufactures

The following types of data are available on magnetic tape files in Central Statistical Services:

- Principal Statistics (1967-1977)
- Energy, by type of fuel (1971-1977)
- Output commodities (1971-1977)
- Time Series (1961-1975) at Provincial and National levels
- Establishment Description (1970-1977)

The first three sets of data can be selected, aggregated and sorted by establishment level within industry or industry groups for any geographical area in Ontario.

(More information can be obtained from: L.A. Cornwall or R.N. Dalal, Central Statistical Services, 965-7078)

#### 1971 Census of Population and Housing

##### (a) Place of Work Data

Place of work data from the 1971 Census is available in printout form at the sub-division level. The following information is shown for each municipality: resident employed labour force, number of

persons living and working in the area, number working outside the area, out-commuters from the area by destination, in-commuters by origin, as well as distance travelled in miles.



## 1971 Census of Population and Housing cont'd.

### (b) Public Use Sample Tape

This tape is a representative sample of individual records from the Census Master File. The primary sample size consists of one per-cent of the total records. The data include counts of persons,

families or household units for any given geographical area in Ontario.

(Alexandra Kunachowicz or R.N. Dalal, Central Statistical Services, 965-7078)

## 1976 Census of Population and Housing

The 1976 Census Micro Data Base pertaining to demographic, household, family and economic characteristics are available at the enumeration area, the census subdivision and the census

tract levels.

(Alexandra Kunachowicz or R.N. Dalal, Central Statistical Services, 965-7078)

### Statistical Advisory Services

The Surveys and Advisory Services group has carried out the following statistical surveys for various ministries for their planning and policy matters:

- Survey of Social, Housing and Health needs of elderly residents in Renfrew County (Ministry of Health, Housing and Social Services).
- Pilot survey to measure the vacancy rate for rental housing in structures with less than six units within the Borough of East York (Ministry of Housing).
- A survey to analyze the 1978 Youth Employment Program (Ministry of Intergovernmental Affairs).
- The Survey of Automobile operating costs. (Management Board Secretariat).
- The Topical and Job Mart Readership Survey. (Civil Service Commission).
- The I.M.A. Survey, a survey of student involvement in municipal administration program. (Ministry of Intergovernmental Affairs).

providing services in the application of statistical methodology in various projects, such as:

- Analysis of Wastewater Treatment data for the Ministry of the Environment
- Advisory services to Toronto Area Transportation Planning Data Collection Steering Committee, Ministry of Transportation and Communication
- Advisory Services on survey design and analysis to the commission on Election Contributions and Expenses, to check the validity of petition for registration of the National Party of Canada.

Ministries are encouraged to consult with the Survey and Advisory group in the early stages of studies to obtain maximum gains in the quality of data and at the same time minimizing the costs.

(S.N. Sharma, Central Statistical Services, 965-3792)

In addition the staff is involved in

### Retrieval Manuals for Computerized Data

Both the Ontario Population Projection, 1976-2001, and the Ontario Economic Accounts Quarterly Time Series from 1947 to the present (currently the fourth quarter of 1978) are now stored as computerized files with Dataline Systems Limited. Manuals detailing the contents of these files and the means of accessing them are now available.

Copies of both the "Ontario Population Projection, 1976-2001, Retrieval Program" and the "Ontario Economic Accounts Retrieval Program" may be obtained from Mr. C.W. Tappenden, Social and Economic Data, Central Statistical Services, 965-2217. For information concerning all Dataline facilities please contact Mr. G. Kozub, Marketing Representative, Dataline Systems Limited, 175 Bedford Road, Toronto 964-9515.





## MINISTRY OF TRANSPORTATION AND COMMUNICATIONS

### Annual Development Review

This review is designed to systematically collect and maintain land use and socio-economic information from municipal sources throughout Ontario for the use of planners within MTC. The information gathered from local officials will be used to up-date

forecasts used in travel demand modelling and to highlight potential changes in travel demand.

(Joan McCalla, Land Use Analysis Group, 8-3766).

### 1979 Land Use Update

The objective is to update 1991 and 2000+ population and employment forecasts at the Provincial traffic zone level for long range transportation planning purposes. Two sets of population and employment forecasts by traffic zone within each planning

region are being prepared. One set is based on municipal aspirations and the other on a low provincial growth rate and control total.

(D. Nitkin, Land Use Analysis Group, 8-3766).

## FOCUS ON A STATISTICAL TOPIC

### WAGES AND INCOME STATISTICS

#### Civil Services Commission

In general, the Pay Research Section, Staff Relations Division is interested in any statistical information on wages and incomes that might have a bearing, directly or indirectly, on the determination and/or administration of compensation levels and practices for the Ontario Public Service. The Section in the course of its studies will make use of material published by Statistics Canada, Labour Canada, the Ontario Ministry of Labour and the Ministry of Treasury and Economics. In particular,

the Research Branch, Ministry of Labour is used as one source of information on trends and developments in collective bargaining. Studies and reports produced by the Pay Research Section are restricted to internal management use within the Civil Service Commission and Management Board Secretariat. They are not available for ministry-wide distribution or general public consumption.

(E.A. McKee, Pay Research Section, 5-1531)

#### Transportation and Communication

Income levels are related to travel demand through such factors as frequency of travel, modal choice, and vehicle ownership. Therefore changes in income level by area could be useful as indicators of potential change in travel demand. Income is used more as a general indicator rather than a specific variable within a traffic

model, therefore income data from published sources or surveys done by others (e.g. Census, taxation data, local sources) are used when a particular project requires income data.

(D. Nitkin, Land Use Analysis Group, 8-3766)



## Ontario Economic Council

### Housing Programs and Income Distribution

This project examines the impact of the housing-related activities of both the federal and provincial governments on the distribution of income in Ontario. Particular attention is paid to those housing programs which directly subsidize households and suppliers, and to subsidies inherent in the income tax system. Emphasis is placed on identifying the beneficiaries by age, family size, and income and on measuring the benefits simply as the difference between the market value of the services

received and the payments made by beneficiaries. The analysis will use data in the 1971 Survey of Consumer Finances.

In light of this analysis, there will be programs which might better achieve policy goals.

(G.B. Fallis, Ontario Economic Council, 5-4315)

## PUBLICATIONS

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*Consumption of Fuel and Electricity by Ontario Manufacturing Industries, Report for 1976, Ministry of Treasury and Economics, January 1979.*

This publication is a 100-page summary comprising an extensive range of data on energy consumption by type of fuel used by the 20 major groups of manufacturing industries in Ontario.

Copies are available from the Ontario Government Bookstore, 880 Bay Street, Toronto, Ontario.  
Price: \$4.00

(R.N. Dalal or A.F. Hylands, Central Statistical Services, 965-7078)

*Demographic Bulletin*, Ministry of Treasury and Economics.

A monthly bulletin giving the latest information on Ontario population, vital statistics and migration together with a brief analysis of a selected factor of demographic change.

Subscriptions are available from Central Statistical Services.  
Price: \$6.00 per annum, prepayment required.

(Mr. C. Tappenden, Central Statistical Services, 965-2217)

*Ontario Economic Accounts*, Quarterly Bulletin, Ministry of Treasury and Economics.

Provides a quarterly estimate of G.P.P. for Ontario on a current basis.

Subscriptions are available from Central Statistical Services.  
Price: \$4.00 per annum, prepayment required.

(Mrs. P. Fromstein, Central Statistical Services, 965-2217)



*The Effect of Demographic Change and Use of School Facilities in Ontario to the Year 2001.*

Copies are available from Ontario Government  
Bookstore, 880 Bay Street, Toronto.  
Price: \$5.00

*Agricultural Statistics for Ontario, 1978*, Ministry of Agriculture and Food,  
July, 1979.

This publication is a summary of Agricultural  
Production for 1978, by county for most items;  
prices, income and expenditures for the province  
are included.

(Bill McGee, Economic Branch, 5-1064)

*Municipal Planning Opportunities for Energy Conservation in the Transportation Sector*, March 1979.

(D. Nitkin, Land Use Analysis Group, 8-3766)

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9th Floor, 56 Wellesley St. West, Toronto, Telephone (416) 965-4575.

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Ministry of  
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deputy minister







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ONSTAT  
NEWS

CENTRAL STATISTICAL SERVICES

VOL. 5 NO. 2

SEPTEMBER, 1979

ACTIVITY

CENTRAL STATISTICAL SERVICES

Census of Manufactures

Ontario Ministry of Treasury,  
Economics and Intergovernmental

Affairs Library

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(a) Information on output commodities (1971-1978) are available from Central Statistical Services. These data can be generated by Standard Industrial Classification code and name, giving quantity and value. Aggregations can be made from es-

tablishment data to industry and major group levels representing any geographical area in Ontario.

(L.A. Cornwall or R.N. Dalal, Central Statistical Services, 965-7078)

(b) Principal Statistics (1976 and 1977) are in process of finalization. These input-output data can be aggregated from establishment to industry and major group

levels representing any geographical area in Ontario.

(L.A. Cornwall or R.N. Dalal, Central Statistical Services, 965-7078)

(c) The Establishment Description Information file, 1970-1978, contains the universe of establishments (approximately 13,000 per year) in the annual Census of Manufactures. Records can be selected in terms of 63 or fewer variables and sorted according to user specifications for any

geographical area in Ontario. Most frequently used information comprises the following: Name, Address, Industry Code, Geographical Location, Multi-establishment Code, Employment Stratification Code (available 1971-1977).

(R.N. Dalal or A.F. Hylands, Central Statistical Services, 965-7078)

(d) The publication, *Consumption of Fuel and Electricity by Ontario Manufacturing Industries, Report for 1977*, is scheduled for release in November. It comprises latest figures available on different types of fuel, represented by 12 tables describing ratios between each type of fuel and selected principal statistics for each industry at 3 digit level and each major group. This publi-

cation also contains two tables of general input-output data by similar industry groups, tables and charts representing largest users of different fuel types, and comparative statistics between Canada and provinces. Similar information can be generated to represent any geographical area in Ontario.

(R.N. Dalal or A.F. Hylands, Central Statistical Services, 965-7078)

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## Statistical Advisory Services

The Surveys and Advisory Group provides services to various ministries and related agencies in the application of statistical methodology in planning, research and policy development areas.

The specialized services include:

- designing of surveys and experiments
- forecasting
- estimation procedures
- model building
- time series analysis
- general survey methodology (including data collection, questionnaire design, editing, coding and analysis).

Presently, this group is providing ser-

### Ontario Economic Accounts, Quarterly Time Series, 1970-1977

This new publication presents Gross Provincial Product, Gross Provincial Expenditure and their main components for the eight year period ending in 1977. The data for the years 1973 to 1976 have been revised to take account of changes made by Statistics Canada to the Canadian National Accounts for these years. Data for previous years can be found in *Ontario Economic Accounts, Quarterly Time Series, 1947-1975*, published in August 1977. This previous volume also contains a detailed methodological report on the estimation procedures used in deriving the quarterly series.

For users who would prefer to access the data in computerized form, the Ontario Economic Accounts from 1947 to the most recent data available (currently the first quarter of 1979) have been stored

### Geographic Coding

The Social and Economic Data Unit of Central Statistical Services has a machine readable file to convert files with postal codes to the Standard Geographic Code. This standardization

### Family Allowance Data

The Department of National Health and Welfare, Ottawa, has put some of their Family Allowance data on a postal code basis. The Social and Economic Data Unit of Central Statistical Services is co-ordinating provincial needs for

vices to the Ministries of Intergovernmental Affairs, Culture and Recreation, Health, Environment, and Transportation and Communications.

Early consultation with this group will permit researchers, planners, administrators, policy and decision makers to develop projects in such a way that data can be collected and analyzed efficiently and with minimum cost.

(S.N. Sharma, Central Statistical Services, 965-3792)

with Dataline Systems Limited. A manual entitled *Ontario Economic Accounts Retrieval Program* is now available, providing details on the contents of the file and the means of accessing it.

Recent revisions to the Canadian National Accounts for the years 1975-1977 (subsequent to those taken into account in this publication) will necessitate some changes to the Ontario data for this period. These further revisions will be undertaken towards the end of 1979 when Statistics Canada releases a full set of revised sector accounts for Canada. However, a preliminary review indicates that revisions to the Ontario data for these years will be very small.

(Mrs. P. Fromstein, Central Statistical Services, 965-2217)

service is now available on a cost recovery basis to all users.

(Dr. J. Singh, Central Statistical Services, 965-2217)

data on family allowance beneficiaries at sub-provincial level.

(Mrs. H. Salisbury, Central Statistical Services, 965-2217)





## MINISTRY OF HOUSING

### Rental Market Survey, 1979

The objective is to obtain the information on rent levels, rent increases and quality of maintenance and services in selected municipalities for policy development purposes. It is a telephone sample survey of renters in seven Ontario cities: Toronto, London, Hamilton, Windsor, Thunder Bay,

Sudbury and Ottawa. Data will be collected on October 1979 rent paid, rent increases, dwelling unit description and tenant perceptions of quality of maintenance and services.

(R. Binsell, Management Planning and Evaluation Branch, 965-7025)

## FOCUS ON A STATISTICAL TOPIC

### EDUCATION STATISTICS

#### Ministry of Education

*Education Statistics Ontario 1978*, recently released by the Ministry of Education, is the sixth annual edition of a separate volume of statistical information on elementary and secondary education in Ontario. Prior to 1973, similar information was published in the Report of the Minister of Education to the Legislative Assembly of Ontario.

*Education Statistics Ontario* combines data on key variables into a comprehensive

picture of education in Ontario. In January 1978, the education regions in Ontario were re-organized into six divisions. This revised structure is reflected in a number of the statistical tabulations in this report. The majority of the material has been compiled from the September reports completed by school principals.

(Mrs. Joan St. Rose-Haynes, Management Information Systems Branch, 965-2636)

## STAFF AND ORGANIZATIONAL CHANGES

Mr. N. Roller, Senior Statistician, Economics Branch, Ministry of Agriculture and Food, replaces Mr. Fred Wind. Mr. Wind is now head of live-stock and crop marketing.

Effective September 4, 1979, the Labour Market Information and

Analysis Unit has left the Ministry of Labour Research Branch and become part of the Ontario Manpower Commission Secretariat, reporting through the Executive Coordinator, Mr. John Kinley. The Labour Market Unit remains under the direction of Dr. Farid Siddiqui.

## PUBLICATIONS

*Ontario Economic Accounts-Quarterly Time Series, 1970-1977*, Ministry of Treasury and Economics, July 1979

Price: \$5.00

*Ontario Population Projections-Presentation to the Select Committee on Ontario Hydro Affairs*, Ministry of Treasury and Economics, January 1979

Price: \$2.00





*1978 Population Estimates by 5-Year Age Groups and Sex for Counties, Planning Regions and Centres of 10,000 Population and Over*, Ministry of Treasury and Economics

Price: \$5.00

*Index of Statistical Files in the Ontario Government, 1978-79*, Ministry of Treasury and Economics, April 1979

Price: \$5.00

The above publications are available from the Ontario Government Bookstore, 880 Bay Street, Toronto, Ontario.

*Ontario Energy Review*, Ministry of Energy, August 1979.

This publication provides background information concerning current and future sources and markets for primary energy in Ontario.

(J.W. Newton, Strategic Planning and Analysis, 965-0530)

*Education Statistics Ontario, 1978*, Ministry of Education, September 1979.

Copies are available from the Ontario Government Bookstore, 880 Bay Street, Toronto, Ontario.

Price: \$2.50

*Enrolment Publications: Public School; Roman Catholic Separate School, Secondary School*, Ministry of Education, May 1979.

*Enrolment and Staff Ratios*, Ministry of Education, June 1979.

*Enrolment by Subjects and Guidelines in Secondary Schools*, Ministry of Education, May 1979.

*Scheduling Patterns in Secondary Schools*, Ministry of Education, May 1979.

(Information on the Ministry of Education publications listed above can be obtained from: Mrs. J. St. Rose-Haynes, Management Information Systems Branch, 965-2636)

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*ONSTAT NEWS* is prepared and edited quarterly by Central Statistical Services. For additional information, contact: Janice DePoe, Central Statistical Services, 9th Floor, 56 Wellesley Street West, Toronto, Telephone (416) 965-4575.

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ONSTAT  
NEWS

STATISTICAL SERVICES

VOL. 6

NO. 1

MARCH, 1980

## ACTIVITY

### CENTRAL STATISTICAL SERVICES

#### Statistical Advisory Services

The Surveys and Advisory group is involved in the following surveys and projects:

- Survey of Automobile Operating Costs (Management Board Secretariat)
- Survey of Automobile Maintenance Costs (Management Board Secretariat)
- Expenditures of the Health Care System in Ontario (Ministry of Health)
- Analysis of Wastewater Treatment Plant Data and Sampling Requirements (Ministry of the Environment)
- Analysis of the Value of Building Permits in Ontario (Ministry of Natural Resources)
- Survey--Child Representation Program (Ministry of the Attorney General)
- Advisory Services to Toronto Area Transportation Planning Data Collection Steering Committee (Ministry of Transportation and Communications)

Presently, the group is also involved in conducting research and development in non-sampling errors and other survey related problems.

Ministries are encouraged to consult with the Surveys and Advisory group in the early stages of studies and obtain maximum gains in the quality of data, and at the same time minimize the costs.

In addition, we can also provide listings of Ontario Businesses. Presently, the file contains more than a quarter of a million entries. This information may be useful to those who are considering conducting surveys.

(S.N. Sharma, Central Statistical Services, 965-7078)

#### Census of Manufactures

The following types of data (subject to confidentiality regulations) are available from Central Statistical Services:

##### - Output Commodities

Comprises name, quantity and value of each commodity produced at es-

tablishment level. At this level all data are confidential. Most

1871

1872

commodity data are releasable in aggregate form at Standard Industrial Commodity Classification level pertaining to the 1971-1977 file. 1978 file is still in process with update in March 1980.

The 2, 3 and 4-digit Standard Industrial Classification (i.e. SIC) data are confidential for all years.

(L.A. Cornwall or R.N. Dalal, Central Statistical Services, 965-7078)

- Principal Statistics (1961-1976) - at provincial level:

Public time-series file containing Canada and data for all provinces is releasable at 2, 3 and 4-digit Standard Industrial Classification code levels. Suppressions are incorporated into this file for relevant confidential industries.

1976 and 1977 files are expected to be functional at the end of March 1980.

(L.A. Cornwall or R.N. Dalal, Central Statistical Services, 965-7078)

- Principal Statistics (1961-1976) - at provincial level:

This is the Ontario file parallel to the public time-series file. It contains confidential industries as well as the public time-series. 1976 and 1977 files are being finalized for

internal processing.

(L.A. Cornwall or R.N. Dalal, Central Statistical Services, 965-7078)

- Principal Statistics (1967-1978) - at establishment level:

Comprises establishment level data which are confidential. Aggregations can be made at 2, 3 and 4-digit S.I.C. levels representing any geographical area in Ontario. A large portion of these aggregates are releasable to be consistent with public time-series data. Sub-provincial data undergo many suppressions before

any information is released. All such patterns are in total accord with those of Statistics Canada so that no company branch can be identified even at the national level.

(L.A. Cornwall or R.N. Dalal, Central Statistical Services, 965-7078)

- Energy Commodities File (1971-1977):

This file represents different types of fuels consumed by manufacturers at establishment level in Ontario. Names, quantities and values can be aggregated to 2, 3 and 4-digit S.I.C. levels representing any geographical

area in Ontario. Releases are subject to confidentiality constraints.

(R.N. Dalal or A.F. Hylands, Central Statistical Services, 965-7078)

- Establishment Description (EDF) File (1970-1978):

ED File comprises the following types of establishments which may be grouped according to user specifications in generating different listings:

to other industries; deferred establishments; and dead establishments.

New establishments; all active establishments; firms transferred

The required lists can be produced in any numeric sequence specified by users, representing any geographic





area in Ontario at any S.I.C. levels. These lists usually contain the following information:

Name, mailing address, geographic location code.

Standard Industrial Classification code, Multi-establishment code, and Total Employment Stratification code.

(R.N. Dalal or A.F. Hylands, Central Statistical Services, 965-7078)

#### Census of Population and Housing:

Detailed data pertaining to demographic, housing, household, family and economic characteristics is available on both magnetic tape and microfiche. Pre-planned tabulations are available at the

enumeration area, census tract and census subdivision levels, covering the census years 1971 to 1976.

(Alexandra Kunachowicz or Romesh Dalal, Central Statistical Services, 965-7078)

#### Public Use Sample Tapes:

The Public Use Sample Tape for the 1976 Census is expected to be available by the end of March 1980.

(Alexandra Kunachowicz or Romesh Dalal, Central Statistical Services, 965-7078)

#### Miscellaneous:

Computer programming capability exists to manipulate all the Census of Manufactures existing data files in order to generate any desired indices. All such outputs are subject to confiden-

tiality tests and suppressions in conformity with the Ontario Statistics Act.

(R.N. Dalal or A.F. Hylands, Central Statistical Services, 965-7078)

### MINISTRY OF CONSUMER AND COMMERCIAL RELATIONS

#### Food Price Monitoring Program

The objective of this program is to accurately report price trends for Toronto and 36 Ontario communities from month to month, and to compare prices between Toronto and those regions. It provides an

authoritative source of price reporting and price trends for food items not only in Toronto but across the provinces.

(Dagmar A. Stafl, Policy and Program Planning Branch, 963-0309)

### FOCUS ON A STATISTICAL TOPIC \_\_\_\_\_

#### HEALTH STATISTICS \_\_\_\_\_

##### Ministry of Health

The following two new publications have been released:

"Hospital Statistics, 1978-79" released March, 1980 is an annual

publication of statistical and financial tables showing utilization and costs in public and private hospitals in Ontario. It is compiled by the Data Develop-



ment and Evaluation Branch, Ministry of Health. The publication is available from the Ontario Govern-

"OHIP Practitioner Care Statistics, 1978-79 (Pre-Audit)", is an annual publication relating to the practitioner activities of the Ontario Health Insurance Plan during fiscal 1978/79. The various trends in respect of

#### Ministry of Education

The ministry has one membership on the Interministerial Committee on Mental Health Statistics. This committee, chaired by D.C. Panday of the

#### Ministry of Northern Affairs

For policy making purposes, this ministry is interested in the quantity and location of health facilities in Northern Ontario,

ment Bookstore, 880 Bay Street, Toronto. The price is \$5.50. A prepayment is required with cheque payable to "Treasurer of Ontario".

enrolment, claims paid and income received are indicated. The price of the publication is \$1.00. The publication is available from the Ontario Government Bookstore, 880 Bay Street. A prepayment is required with cheque payable to the "Treasurer of Ontario".

Ministry of Health, has as its objective to ensure comparability of mental health statistics. Other ministries involved are Correctional Services, Community and Social Services, and Attorney General.

in order to improve the level of services to residents, particularly those in smaller communities.

## STAFF CHANGES

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### Ministry of Health

Dr. J.R. Smiley, Data Development and Evaluation Branch, Information Systems Division, retired on September 28, 1979.

Mr. W.H. Harper, Policy Development and Research Branch, retired on February 29, 1980.

### Ministry of Agriculture and Food

Mafat Patel has joined the ministry as a statistician.

## MEETINGS

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The following meetings will be or have been attended by representatives of the Ministry of Consumer and Commercial Relations:

- 1) Retail Council of Canada, Harbour Castle Hotel, Toronto, April 14, 1980
- 2) Grocery Products Manufacturers of Canada 20th Annual Convention, Inn-on-the-Park, Toronto, April 15, 16 & 17
- 3) Consumer Credit - "Use and Abuse", sponsored by American Express, May 22, 1980

(For further information; Contact Policy & Planning Branch, 963-0309)



N. Roller of the Economics Branch, Ministry of Agriculture and Food attended the Federal Provincial Conference on Agriculture Statistics.

(N. Roller, Economics Branch, 965-1064).

## PUBLICATIONS

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*Ontario Statistics 1979*, Ministry of Treasury and Economics, October 1979.

This latest in a series is a 600 page handbook of social and economic statistics for Ontario. Copies are available from the Ontario Government Bookstore, 880 Bay Street, Toronto, Ontario, M7A 1N8. Price: \$15.00

(J. DePoe, Central Statistical Services, 965-4575).

*Consumption of Fuel and Electricity by Ontario Manufacturing Industries, Report for 1977*, Ministry of Treasury and Economics, November 1979.

This latest publication is a 100-page summary describing an extensive range of data on energy consumption by type of fuel used by 3 and 2-digit manufacturing industries in Ontario.

Copies are available from the Government Bookstore, 880 Bay Street, Toronto, Ontario, M7A 1N8. Price \$5.00.

(R.N. Dalal or A.F. Hylands, Central Statistical Services, 965-7078).

*Ontario Labour Force Projections 1976-2001*, Ministry of Treasury and Economics, January 1980.

Four alternative sets of labour force projections by ten-year age groups and sex are given for the province as well as a brief look at past trends and future age distribution. The projections are based on demographic projections made by Central Statistical Services for every fifth year - 1981, 1986, 1991, 1996, and 2001.

Copies are available from Publications Centre, 880 Bay Street, Toronto, Ontario, M7A 1N8. Price: \$5.00.

(Miss D.E. Fetterly, Central Statistical Services, 965-2217)

*Food Price Monitoring Program*, Ministry of Consumer and Commercial Relations.

This monthly publication features food prices in 37 Ontario centres plus wholesale-retail prices on selected items.

(Mrs. D.A. Staffl, Policy and Planning Branch, 963-0309)

*Ontario Post-Secondary Enrolment Report (1974-1978)*, Ministry of Education, February 1980.

Provides comparative University and College enrolment statistics over a five-year period, by different variables.

(Joan St. Rose-Haynes, Management Information Services Branch, 965-2636).





*Rental Market Survey in Seven Ontario Cities, October 1979*, Ministry of Housing, February 1980.

Contains information on rent increases, rent levels and quality of maintenance and services for a sample of private rental units in seven Ontario cities (Metropolitan Toronto, Hamilton, Ottawa, London, Windsor, Sudbury and Thunder Bay).

(T. Garrison, 965-7025).

*Agricultural Statistics for Ontario, Metric Historical Edition 1941-1978*, Ministry of Agriculture and Food, 1980.

This publication provides metric and historical tabulations of all aspects of Ontario agriculture.

(N. Roller, Economics Branch, 965-1064).



Ministry of  
Treasury and  
Economics

The Honourable Frank S. Miller  
minister  
A. Rendall Dick  
deputy minister





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ONSTAT  
NEWS

CENTRAL STATISTICAL SERVICES

VOL. 6 NO. 2

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ACTIVITY



## CENTRAL STATISTICAL SERVICES

### Central Statistical Services

Census of Manufactures (1961-1978): These files contain the following types of data (subject to confidentiality regulations) available from Central Statistical Services:

#### - Input Commodities (1975-1978)

Lists of input commodities and corresponding company names and addresses can be released, at all levels in any specified sort sequence.

(L. A. Cornwall or R. N. Dalal, Central Statistical Services, 965-7078)

#### - Output Commodities (1971-1978)

These are filed under similar variables as inputs. Most commodity data are releasable in aggregate form at provincial level for the years 1971 to 1977. Generated data can be sorted in any desirable sequence for trend analyses. Actual

lists of commodities and corresponding company names and addresses are releasable for the years 1971 to 1978.

(L.A. Cornwall or R.N. Dalal, Central Statistical Services, 965-7078)

#### - Principal Statistics:

##### Public Time Series (Canada and all Provinces, 1961-1978):

In this file, all confidential industries are excluded. Releasable data are aggregated at 2, 3 and 4-digit Standard Industrial Classification (S.I.C.) code levels for the years 1961 to 1977. The 1978

data file is expected to be functional in September.

(L. A. Cornwall or R. N. Dalal, Central Statistical Services, 965-7078)



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- Principal Statistics - Geographical Data (Ontario, 1967-1978):

Releasable provincial and sub-provincial aggregates can be made at 2, 3 and 4-digit S.I.C. levels to be in accord with Statistics Canada's releases. Sub-provincial aggregates for 1978 are not yet

releasable due to lack of patterns which are in process.

(L. A. Cornwall or R. N. Dalal, Central Statistical Services, 965-7078)

- Establishment Description (EDF) file (1970-1978):

This file contains names, addresses and other parameters pertinent to the collection of the census reports. It includes active establishments, new firms, transfers to other industries, deferred and dead establishments. Requested lists or labels can be generated for any manufacturing industries to represent any specified

geographical area in Ontario. Produced lists usually contain the following information:

Name, address, SIC code, geographic location code (county, municipality), multi-establishment code, and total employment stratification code.

- Energy Fuel Types File (Ontario, 1971-1978):

This file contains data on quantity and value of the following fuels consumed in manufacturing (excluding their use as non-fuel inputs in processing): coal, coke, natural gas, gasoline, kerosene, diesel oil, light and heavy fuel oils, liquefied petroleum gas, and electricity purchased.

Aggregations can be made to 2, 3 and 4-digit S.I.C. levels to represent any geographical area in Ontario. The release of aggregated data are subject to confidentiality rules.

(R.N. Dalal or A.F. Hylands, Central Statistical Services, 965-7078)

- Energy Publication (1978):

"Consumption of Fuel and Electricity by Manufacturing Industries in Ontario, Report for 1978" is being processed. The publication should

be released by the end of 1980.

(R.N. Dalal or A.F. Hylands, Central Statistical Services, 965-7078)

- Miscellaneous:

Computer programs can be developed to produce any desired ratios or indexes from all Census of Manufactures files. The release of such outputs are subject to confidentiality rules

as required under the Statistics Act (Ontario).

(R.N. Dalal or A.F. Hylands, Central Statistical Services, 965-7078)

FOCUS ON A STATISTICAL TOPIC \_\_\_\_\_

RECREATION AND TOURISM \_\_\_\_\_

Ministry of Transportation and Communications

M.T.C. is very interested in recreation and tourist travel statistics including

variables such as trip length, frequency, seasonality, traffic peaking, mode of



1. The first part of the paper is devoted to a study of the properties of the function  $f(x)$  defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

It is shown that the function  $f(x)$  is continuous and differentiable for all values of  $x$ .

2. The second part of the paper is devoted to a study of the properties of the function  $f(x)$  defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

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$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

travel, origins and destinations for both Ontario resident travellers and for travellers into and out of Ontario. Sources for these data have included the Ministry of Industry & Tourism, Statistics Canada, our own roadside surveys and counts and the Ontario Recreation Survey, which is however becoming out-dated. We are also interested in statistics on the number and location of cottages, campsites,

and other recreational attractions for input into transportation studies and traffic models. We have been using Ontario Hydro data to estimate the number of cottages but have not found it entirely satisfactory.

(Joan McCalla, Policy Planning and Research Division, 248-3766)

#### Ministry of Northern Affairs

MNA makes use of Statistics on recreation and tourism in its evaluation of projects proposed

for northern Ontario.

(A. Garfin, Policy Development, 965-1417)

#### PUBLICATIONS

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*Ontario Statistics 1980*, Ministry of Treasury and Economics, November 1980.

This latest in a series is a 600-page handbook of social and economic statistics for Ontario.

Copies are available from the Ontario Government Bookstore, 880 Bay Street, Toronto, Ontario, M7A 1N8. Price: \$15.00.

(J. DePoe, Central Statistical Services, 965-7078)

*Consumption of Fuel and Electricity by Ontario Manufacturing Industries, Report for 1978*, Ministry of Treasury and Economics, November 1980.

This latest publication is a 100-page summary describing an extensive range of data on energy consumption by type of fuel used by 3 and 2-digit manufacturing industries in Ontario.

Copies are available from the Government Bookstore, 880 Bay Street, Toronto, Ontario, M7A 1N8. Price: \$5.00.

(R. N. Dalal, or A. F. Hylands, Central Statistical Services, 965-7078)

The following releases from the Ministry of Treasury and Economics are now available through the Ontario Government Bookstore, 880 Bay Street, Toronto, Ontario, M7A 1N8:

*Index of Statistical Files in the Ontario Government, 1980.*  
Price: \$5.00

*1979 Population Estimates by Five-Year Age Groups and Sex for Counties, Planning Regions and Centres of 10,000 Population and Over.*  
Price: \$5.00.

*Ontario Economic Accounts, Quarterly Time Series, 1970-1978, June, 1980.*  
Price: \$5.00.

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*Interim Report on Computerized Checkout Systems in Food Supermarkets in Ontario*, Ministry of Consumer and Commercial Relations, June 1980.

A Survey of 900 Ontario consumers was conducted in March 1980 to determine consumer attitudes and behaviour toward computerized checkout systems generally and item price removal in particular.

(D. A. Stafl or R. Wall, Policy and Planning Branch, 963-0309)

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*ONSTAT NEWS* is prepared and edited quarterly by Central Statistical Services. For additional information, contact: Janice DePoe, Central Statistical Services, 4th Floor, Frost Building North, Queen's Park, Toronto. Telephone (416) 965-7078.

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